THE DAILY WEATHER REPORT

(INTRODUCTION)

1st October to 31st December

1960

STATIONS PUBLISHED IN THE DAILY WEATHER REPORT

METEOROLOGICAL OFFICE
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1. HISTORY

A brief history of changes in contents and format between 1st April, 1919, and December, 1949, will be found in the introduction to the British Section for 1st October to 31st December, 1949. On 1st January, 1950, the British and International Sections of the former Report, which had been issued in three sections since 1919, were combined in a single publication, the present Daily Weather Report. At the same time, the third section was published separately with the title of Daily Aerological Record. A number of changes in meteorological codes and specifications were introduced on 1st January, 1955, and incorporated in the Report. Changes in format introduced on 1st July, 1955, provided for the elements of station and ships' observations to be given in the order of the appropriate meteorological code and for some modification of the scales and projections of charts.

2. FORM OF PRESENTATION

(i) **Observations.**—Pages 1 and 4 of the Daily Weather Report contain reports for the four main hours of observation from a representative number of stations in Great Britain and Ireland which provide full reports together with a selection of reports from ocean weather stations for the same hours. In addition, Beaufort letters (Table 19), mainly describing precipitation, are given for each of the four six-hourly periods, together with reports of maximum and minimum temperature, sunshine, rainfall and state of ground (Table 13), in respect of the land stations listed. Explanations of the codes and specifications used are given below.

(ii) **Charts.**—Page 2 contains a chart of the weather in a large part of the northern hemisphere for mid-day of the previous day. Incorporated in this chart is a line joining the approximate locations of civil twilight (i.e., Sun 6° below horizon) at 1200 h. G.M.T. for the mid point of the month indicated. Page 3 contains charts of slightly larger scale, for the British Isles and Western Europe, for 1800 h. of the previous day and for 0000 h. and 0600 h. on the day of issue.

(iii) **General Synoptic Development, Forecast and Outlook.**—Below the weather charts on page 3 will be found a statement which describes the main features in the evolution of the synoptic situation over the United Kingdom during the preceding 24 hours together with an indication of the manner in which it is expected to develop during the succeeding 24 hours. On the right of this statement is a forecast of the weather expected during a period of 24 hours from noon on the day of issue, followed by an outlook for a further period, the duration of which is normally 24 hours but may be longer in certain weather situations.

3. NOTES

(i) **Standard of Time.**—Greenwich Mean Time is exclusively used throughout the Report.

(ii) **Rainfall.**—Tr. : = There has been precipitation, but amount less than 0·05 mm.

(iii) **Temperature.**—Temperature is specified in degrees Fahrenheit and is shown on the charts by means of figures alongside the positions of the stations.

(iv) **Dew Point.**—The values of Dew Point are derived from the original readings of dry-bulb and wet-bulb temperature and are correct to 1° F. Prior to 1st January, 1949, values below 32° F. gave the "Hoar Frost Point" that is to say, the temperature for which the actual vapour pressure is equal to the saturation pressure over ice. Since January, 1949, the true Dew Point and not the Hoar Frost Point has been included in synoptic reports in circumstances where the actual vapour pressure is lower than the saturated water vapour pressure of 32° F.

(v) **Elevations of stations.**—The elevations of British stations are given below. These refer in each case to the cistern of the barometer.

	ft.		ft.		ft.		ft.
Kew	18	Bristol	197	Silloth	27	Sule Skerry	50
Gatwick	59	Aberporth	379	Watnall	337	Lerwick	272
London Airport	82	Rhoose (Cardiff)	223	Spurn Head	54	Stornoway	42
Thorney Island	35	Plymouth	100	Finningley	52	Benbecula	16
Hurn	34	Chivenor	22	Dishforth	131	Tiree	29
Guernsey	340	St. Mawgan	339	Tynemouth	130	Aldergrove	220
Felixstowe	16	Culdrose	260	Eskdalemuir	794	Malin Head	85
Gorleston	26	Scilly	199	Mull of Galloway	250	Belmullet	33
Mildenhall	39	Elmdon	326	Prestwick	30	Birr	235
Cardington	93	Shawbury	249	Renfrew	30	Collinstown	265
West Raynham	263	Manchester	230	Leuchars	36	Rineanna	22
Wittering	219	Squire's Gate	33	Dyce	234	Roches Point	136
Boscombe Down	419	Valley	29	Wick	119	Valentia	45
Ross on Wye	226	Ronaldsway	55	Cape Wrath	371		

(vi) **Adjusted Readings.**—Where an instrumental reading is found to be in error and some adjustment is necessary, the adjusted reading is published in brackets thus (59).

4. EXPLANATION OF CODES AND SPECIFICATIONS

CODE FM 11A—Land Stations

N dd ff	VV ww W	PPP TT	N_h C_L h C_M C_H	T_d T_d a pp	8N_s C h_sh_s	RRT_xT_xE sss RRT_nT_nE T_gT_g
N = Total amount of cloud in eighths (Table 1). dd = Wind direction on scale 01–36 (see also Table 2). ff = Wind speed in knots.	VV = Visibility (Table 3). ww = Present weather (Table 5). W = Past weather (Table 4).	PPP = Last three figures of pressure (reduced to M.S.L.) in millibars and tenths. TT = Temperature in whole degrees Fahrenheit.	N_h = Amount of cloud the height of which is given by h (Table 1). C_L = Form of low cloud (Table 6). h = Height above ground of base of cloud (Table 9). C_M = Form of Medium Cloud (Table 7). C_H = Form of high cloud (Table 8).	T_dT_d = Dew point temperature in whole degrees Fahrenheit. a = Characteristic of barometric tendency (Table 10). pp = Barometric tendency (change of pressure in last three hours in tenths of millibars).	8 = Indicator figure. N_s = Amount in eighths of individual cloud layer or mass (Table 1). C = Type of cloud (Table 11). h_sh_s = Height of base of cloud (Table 12).	RR = Rainfall (Table 18) (Code 3577) (09h–21h) (21h–09h). T_xT_x = Maximum temperature in whole degrees Fahrenheit (09h–21h). T_nT_n = Minimum temperature in whole degrees Fahrenheit (21h–09h). T_gT_g = Minimum temperature on grass in whole degrees Fahrenheit (21h–09h). sss = Duration of sunshine (in hours and tenths). E = State of ground (Table 13) (Code 0900) (09h–21h) (21h–09h).

CODE FM 21A—Ships

$YQL_aL_aL_a$	$L_oL_oL_oGG$	Followed by first four groups as in **FM 11A** above.	D_s v_s a pp	O T_sT_s T_dT_d	i d_wd_w P_w H_w
Y = Day of the week. Q = Octant of the Globe (0 = west, 3 = east). $L_aL_aL_a$ = Latitude in degrees and tenths.	$L_oL_oL_o$ = Longitude in degrees and tenths. GG = Actual time to the nearest whole hour G.M.T.		D_s = Direction of movement of ship (Table 14). v_s = Speed of ship in knots (Table 15). a = Characteristic of barometric tendency (Table 10). pp = Barometric tendency (change of pressure in last three hours in tenths of millibars).	O = Indicator figure. T_sT_s = Difference between air temperature and sea temperature in degrees Fahrenheit. (If the air temperature is less than the sea temperature, 50 is added). T_dT_d = Dew point temperature in whole degrees Fahrenheit.	i = Indicator figure. d_wd_w = Direction of waves to tens of degrees (Table 2). P_w = Period of waves (Table 16). H_w = Mean maximum height of waves (Table 17).

Table 1.—Code for Cloud Amount (N, N_h, N_s) (Code 2700)

0 = None.

1 = 1 eighth of sky covered or less, but not zero.

2 = 2 eighths of sky covered.

3 = 3 eighths of sky covered.

4 = 4 eighths of sky covered.

5 = 5 eighths of sky covered.

6 = 6 eighths of sky covered.

7 = 7 eighths of sky covered or more, but not 8 eighths.

8 = 8 eighths (sky completely covered).

9 = Sky obscured or cloud amount cannot be estimated.

Note.—"Trace" would be included under Figure 1, which should be used for amounts up to 1/8th (i.e., not up to 3/16ths). "Overcast but with openings" would be included under Figure 7, which should be used for amounts down to 7/8ths (i.e., not down to 13/16ths).

Table 2.—Degrees and Code Figures (dd and d_wd_w) corresponding to compass directions (Codes 0877 and 0885)

Direction (Compass Points)	Exact equivalent in degrees	Code figures dd	Direction (Compass Points)	Exact equivalent in degrees	Code figures dd
Calm	—	00			
N'E.	11¼	01	S'W.	191¼	19
NNE.	22½	02	SSW.	202½	20
NE'N.	33¾	03	SW'S.	213¾	21
NE.	45	05	SW.	225	23
NE'E.	56¼	06	SW'W.	236¼	24
ENE.	67½	07	WSW.	247½	25
E'N.	78¾	08	W'S.	258¾	26
E.	90	09	W.	270	27
E'S	101¼	10	W'N.	281¼	28
ESE.	112½	11	WNW.	292½	29
SE'E.	123¾	12	NW'W.	303¾	30
SE.	135	14	NW.	315	32
SE'S.	146¼	15	NW'N.	326¼	33
SSE.	157½	16	NNW.	337½	34
S'E.	168¾	17	N'W.	348¾	35
S.	180	18	N.	360	36

Waves confused, direction indeterminate (waves equal to or less than 4¾ metres) 49

Variable, direction indeterminate (waves greater then 4¾ metres) 99

Note.—The direction to be observed is "true" not "magnetic".

Table 3.—Code for Visibility—(VV) (Code 4377)

First Code Figure	Second Code Figure 0	1	2	3	4	5	6	7	8	9
	MILES									
5	3⅛	*	*	*	*	*	3¾	†	5	
6	6¼		7½		8¾		10		11¼	
7	12½		13¾		15		16¼		17½	
8	18¾		25		31¼		37½		43¾	Over 43¾
	YARDS									
9‡	<55	55	220	550	1,100	2,200	2½	6¼	12½	31 or over
	YARDS									
F	<11	11	22	33	44	55	66	77	88	99

In the range 01–50 the figures give actual visibility in tenths of kilometres, or half furlongs. This table gives the meanings of higher code figures. The decade F.0—F.9 is used, in this publication only, to give visibilities of less than 110 yards.

† Values not given may be obtained by interpolation.

* Code figures not used.

‡ Decade 90–99 is used when visibility cannot be determined with sufficient accuracy to justify lower code figures.

Table 4.—Code for Past Weather (W) (Code 4500)

0 = Cloud covering ½ or less of the sky throughout the appropriate period.

1 = Cloud covering more than ½ of the sky during part of the appropriate period and covering half or less during part of the period.

2 = Cloud covering more than ½ of the sky throughout the appropriate period.

3 = Sandstorm, duststorm or blowing snow.

4 = Fog, ice fog or thick haze.

5 = Drizzle.

6 = Rain.

7 = Snow, or rain and snow mixed.

8 = Shower(s)

9 = Thunderstorm(s) with or without precipitation.

The code for W covers the weather occurring during the last six hours.

Table 5.—Code for Present Weather (ww) (Code 4677)

00–19 No precipitation at the station at the time of observation.

- 00 Cloud development not observed.
- 01 Clouds generally dissolving or becoming less developed.
- 02 State of sky on the whole unchanged.
- 03 Clouds generally forming or developing.

(00–03: Characteristic change of the state of the sky during the past hour.)

- 04 Visibility reduced by smoke, e.g., veldt or forest fire, industrial smoke or volcanic ashes.
- 05 Haze
- 06 Widespread dust in suspension in the air, not raised by wind at or near the station at the time of observation
- 07 Dust or sand raised by wind at or near the station at the time of observation, but no well-developed dust whirl(s) or sand whirl(s), and no duststorm or sandstorm seen.
- 08 Well developed dust whirl(s) or sand whirl(s) seen at or near the station within the last hour, but no duststorm or sandstorm.
- 09 Duststorm or sandstorm within sight of the station or at the station during the last hour.
- 10 Mist.
- 11 Shallow fog or ice fog, in patches.
- 12 Shallow fog or ice fog, more or less continuous.

(11–12: Fog not deeper than about 2 metres on land or 10 metres at sea.)

- 13 Lightning visible, no thunder heard.
- 14 Precipitation within sight, not reaching the ground or the surface of the sea.
- 15 Precipitation within sight, reaching the ground or the surface of the sea but distant (estimated to be more than 5 km.) from the station.
- 16 Precipitation within sight reaching the ground or the surface of the sea near to but not at the station.
- 17 Thunder heard but no precipitation at time of observation.
- 18 Squalls.
- 19 Funnel cloud(s)†

(18–19: during the past hour.)

20–29 Precipitation, fog or thunderstorm at station in past hour but not at time of observation.

- 20 Drizzle (not freezing), or snow grains.
- 21 Rain (not freezing).
- 22 Snow.
- 23 Rain and snow or ice pellets type (a).
- 24 Freezing drizzle or freezing rain.

(20–24: Not falling as shower(s).)

- 25 Shower(s) of rain.
- 26 Shower(s) of snow, or of rain and snow.
- 27 Shower(s) of hail, or of hail and rain.
- 28 Fog or ice fog.
- 29 Thunderstorm (with or without precipitation).

30–39 Duststorms, Sandstorms, drifting or blowing snow.

- 30, 31, 32 — Slight or moderate duststorm or sandstorm.
  - 30 has decreased during preceding hour.
  - 31 no appreciable change during preceding hour.
  - 32 has increased during preceding hour.
- 33, 34, 35 — Severe duststorm or sandstorm.
  - 33 has decreased during preceding hour.
  - 34 no appreciable change during preceding hour.
  - 35 has increased during preceding hour.
- 36 Slight or moderate drifting snow.
- 37 Heavy drifting snow.

(36–37: generally low.)

- 38 Slight or moderate blowing snow.
- 39 Heavy blowing snow.

(38–39: generally high.)

40–49 Fog or ice fog at time of observation.

- 40 Fog or ice fog at a distance at the time of observation, but not at the station during the last hour, the fog or ice fog extending to a level above that of the observer.
- 41 Fog or ice fog in patches.
- 42 Fog or ice fog, sky discernible.
- 43 Fog or ice fog, sky not discernible.

(42–43: has become thinner during the preceding hour.)

- 44 Fog or ice fog, sky discernible.
- 45 Fog or ice fog, sky not discernible.

(44–45: no appreciable change during the preceding hour.)

- 46 Fog or ice fog, sky discernible.
- 47 Fog or ice fog, sky not discernible.

(46–47: has begun, or has become thicker during the preceding hour.)

- 48 Fog, depositing rime, sky discernible.
- 49 Fog, depositing rime, sky not discernible.

50–59 Drizzle at time of observation.

- 50 Drizzle, not freezing, intermittent.
- 51 Drizzle, not freezing, continuous.

(50–51: slight at time of observation.)

- 52 Drizzle, not freezing, intermittent.
- 53 Drizzle, not freezing, continuous.

(52–53: moderate at time of observation.)

- 54 Drizzle, not freezing, intermittent.
- 55 Drizzle, not freezing, continuous.

(54–55: heavy (dense) at time of observation.)

- 56 Drizzle, freezing, slight.
- 57 Drizzle, freezing, moderate or heavy (dense).
- 58 Drizzle and rain, slight.
- 59 Drizzle and rain, moderate or heavy.

60–69 Rain at time of observation.

- 60 Rain, not freezing, intermittent.
- 61 Rain, not freezing, continuous.

(60–61: slight at time of observation.)

- 62 Rain, not freezing, intermittent.
- 63 Rain, not freezing, continuous.

(62–63: moderate at time of observation.)

- 64 Rain, not freezing, intermittent.
- 65 Rain, not freezing, continuous.

(64–65: heavy at time of observation.)

- 66 Rain, freezing, slight.
- 67 Rain, freezing, moderate or heavy.
- 68 Rain or drizzle, and snow, slight.
- 69 Rain or drizzle and snow, moderate or heavy.

70–79 Solid precipitation not in showers.

- 70 Intermittent fall of snow flakes.
- 71 Continuous fall of snow flakes.

(70–71: slight at time of observation.)

- 72 Intermittent fall of snow flakes.
- 73 Continuous fall of snow flakes.

(72–73: moderate at time of observation.)

- 74 Intermittent fall of snow flakes.
- 75 Continuous fall of snow flakes.

(74–75: heavy at time of observation.)

- 76 Ice prisms (with or without fog).
- 77 Snow grains (with or without fog).
- 78 Isolated starlike snow crystals (with or without fog).
- 79 Ice pellets type (a).

80–90 Showery precipitation

- 80 Rain shower(s), slight.
- 81 Rain shower(s), moderate or heavy.
- 82 Rain shower(s), violent.
- 83 Shower(s) of rain and snow, slight.
- 84 Shower(s) of rain and snow, moderate or heavy.
- 85 Snow shower(s), slight.
- 86 Snow shower(s), moderate or heavy.
- 87, 88 Shower(s), or snow pellets or ice pellets type (b) with or without rain or rain and snow mixed.

(87: slight; 88: moderate or heavy.)

- 89, 90 Shower(s) of hail, with or without rain or rain and snow mixed, not associated with thunder.

(89: slight; 90: moderate or heavy.)

91–99 Precipitation with current or recent thunderstorm

- 91 Slight rain at time of observation.
- 92 Moderate or heavy rain at time of observation.
- 93 Slight snow, rain and snow mixed, or hail at time of observation.
- 94 Moderate or heavy snow, rain and snow mixed or hail at time of observation.

(91–94: thunderstorm during the preceding hour, but not at time of observation.)

- 95 Thunderstorm, slight or moderate, without hail but with rain and/or snow at time of observation.
- 96 Thunderstorm, slight or moderate, with hail at time of observation.
- 97 Thunderstorm, heavy, without hail, but with rain and/or snow at time of observation.
- 98 Thunderstorm combined with duststorm or sandstorm at time of observation.
- 99 Thunderstorm, heavy, with hail at time of observation.

(95–99: thunderstorm at time of observation.)

The expression " at the station " refers to a land station or a ship.

† Tornado cloud or water spout.

* Ice pellets type (a)—Frozen raindrops or largely melted and refrozen snowflakes.

type (b)—Pellets of snow encased in a thin layer of ice.

Table 6.—Code for form of Low Cloud (C_L) (Code 0513)

- 0 = No stratocumulus, stratus, cumulus or cumulonimbus.
- 1 = Ragged cumulus other than of bad weather, or cumulus with little vertical extent and seemingly flattened, or both.
- 2 = Cumulus of moderate or strong vertical extent, generally with protuberances in the form of domes or towers, either accompanied or not by other cumulus or by stratocumulus : all having their bases at the same level.
- 3 = Cumulonimbus, the summits of which, at least partially, lack sharp outlines, but are neither clearly fibrous (cirriform) nor in the form of an anvil : cumulus, stratocumulus or stratus may also be present.
- 4 = Stratocumulus formed by the spreading out of cumulus : cumulus may also be present.
- 5 = Stratocumulus not resulting from the spreading out of cumulus.
- 6 = Stratus in a more or less continuous sheet or layer, or in ragged shreds, or both, but no stratus fractus of bad weather.
- 7 = Stratus fractus of bad weather or cumulus fractus of bad weather (pannus), or both ; usually below altostratus or nimbostratus. By " bad weather " is meant the conditions which generally exist before, during or after precipitation.
- 8 = Cumulus and stratocumulus, other than those formed from the spreading out of cumulus : the base of cumulus is at a different level from that of stratocumulus.
- 9 = Cumulonimbus, the upper part of which is clearly fibrous (cirriform), often in the form of an anvil ; either accompanied or not by cumulus, stratocumulus, stratus or pannus.
- X = Scratocumulus, stratus, cumulus and cumulonimbus are invisible owing to darkness, fog, blowing dust or sand, or other similar phenomena.

Table 7.—Code for form of Medium Cloud (C_M) (Code 0515)

- 0 = No altocumulus, altostratus or nimbostratus.
- 1 = Altostratus, the greater part of which is semi-transparent : through this part the sun or moon may be weakly visible as through ground glass.
- 2 = Altostratus, the greater part of which is sufficiently dense to hide the sun (or moon), or nimbostratus.
- 3 = Altocumulus, the greater part of which is semi-transparent, and no part of which is crenelated or in cumuliform tufts : the various elements of the cloud change only slowly and are all at a single level.
- 4 = Patches (often in the form of almonds or fishes) of altocumulus, the greater part of which is semi-transparent ; the clouds are at one or more levels and the elements are continually changing in appearance.
- 5 = Semi-transparent altocumulus in bands or altocumulus in one more or less continuous layer progressively invading the sky : these altocumulus clouds generally are growing denser as a whole. The layer may be opaque or may consist of two or more sheets.
- 6 = Altocumulus resulting from the spreading out of cumulus.
- 7 = Any one of the following cases :—
  - (a) Altocumulus in two or more layers, usually opaque in places and not progressively invading the sky.
  - (b) Opaque layer of altocumulus not progressively invading the sky.
  - (c) Altocumulus together with altostratus or nimbostratus or both.
- 8 = Altocumulus with sprouts in the form of small towers or battlements, or altocumulus having the appearance of cumuliform tufts.
- 9 = Altocumulus, generally at several levels, in a chaotic sky : dense cirrus is usually also present.
- X = Altocumulus, altostratus and nimbostratus are invisible owing to darkness, fog, blowing dust or sand, or other similar phenomena, or more often because of the presence of a continuous layer of lower clouds.

Code 8.—Code for form of High Cloud (C_H) (Code 0509)

- 0 = No cirrus, cirrocumulus or cirrostratus.
- 1 = Cirrus in the form of filaments, strands or hooks, not progressively invading the sky (often called " mares' tails ").
- 2 = Dense cirrus, in patches or entangled sheaves, which usually do not increase and sometimes seem to be the remains of the upper part of a cumulonimbus : or cirrus with sproutings in the form of towers or battlements, or having the appearance of cumuliform tufts.
- 3 = Dense cirrus, often in the form of an anvil ; either the remains of the upper parts of a cumulonimbus or parts of distant cumulonimbus, the cumuliform portions of which cannot be seen.
- 4 = Cirrus in the form of hooks or of filaments, or both, progressively invading the sky : they generally become denser as a whole.
- 5 = Cirrus, often in bands converging towards one point or two points of the horizon, and cirrostratus, or cirrostratus alone : in either case, they are progressively invading the sky, and generally growing denser as a whole, but the continuous veil does not reach 45 degrees above the horizon.
- 6 = Cirrus, often in bands converging towards one point or two points of the horizon, and cirrostratus, or cirrostratus alone : in either case, they are progressively invading the sky, and generally growing denser as a whole ; the continuous veil extends more than 45 degrees above the horizon, without the sky being totally covered.
- 7 = Veil of cirrostratus completely covering the celestial dome.
- 8 = Cirrostratus not progressively invading the sky and not completely covering the celestial dome.
- 9 = Cirrocumulus alone or cirrocumulus accompanied by cirrus or cirrostratus, or both, but cirrocumulus is the predominant cirriform cloud.
- X = Cirrus, cirrocumulus and cirrostratus are invisible owing to darkness, fog, blowing dust or sand, or other similar phenomena, or more often because of the presence of a continuous layer of lower clouds.

Table 9.—Code for Cloud Height (h) (Code 1600)

Code figure	Height of base of cloud: metres	Height of base of cloud: feet
0	0–50	0–150
1	50–100	150–300
2	100–200	300–600
3	200–300	600–1,000
4	300–600	1,000–2,000
5	600–1,000	2,000–3,000
6	1,000–1,500	3,000–5,000
7	1,500–2,000	5,000–6,500
8	2,000–2,500	6,500–8,000
9	Above 2,500	Above 8,000
X	Height of base of cloud not known or base of clouds at a level lower and tops at a level higher than that of the station.	

Note 1.—If there is no cloud at all code figure 9 is reported. If the sky is not discernible owing to fog or other surface phenomena, figure 0 is reported.

Note 2.—If there is fog, and the sky is discernible through the fog, the cloud form, height and amount are reported as if no fog were present. If the sky is not discernible through the fog the height of the base of the cloud is reckoned as 0.

Note 3.—Height above ground of the base of cloud. If there is cloud of Form C_L reported, h refers to this cloud. If, however, there is no cloud of Form C_L and there is cloud of Form C_M h refers to this cloud.

When there is cloud at several levels below 8,000 ft., N_h and h refer to the lowest layer covering more than ½ of the sky. If, however, there is no layer of more than ½ then N_h and h refer to the lowest layer which is not exceeded by any other layer present. When the same form of cloud C_L is present at more than one level, N_h refers to the total amount of the cloud form reported for C_L at all levels, while h refers to the height of cloud form C_L at the lowest level.

Table 10.—Code for Characteristic of Barometric Tendency (a) (Code 0200)

0 = Increasing, then decreasing; atmospheric pressure the same as or higher than 3 hrs. ago.

1 = Increasing, then steady; or increasing, then increasing more slowly.
2 = Increasing (steadily or unsteadily).
3 = Decreasing or steady, then increasing; or increasing, then increasing more rapidly.
} atmospheric pressure now higher than 3 hrs. ago.

4 = Steady, atmospheric pressure the same as 3 hrs. ago.

5 = Decreasing, then increasing; atmospheric pressure the same as or lower than 3 hrs. ago.

6 = Decreasing, then steady; or decreasing, then decreasing more slowly.
7 = Decreasing (steadily or unsteadily).
8 = Steady or increasing, then decreasing; or decreasing, then decreasing more rapidly.
} atmospheric pressure now lower than 3 hrs. ago.

Table 11.—Code for Type of Cloud (C) (Code 0500)

0 = Cirrus (Ci).
1 = Cirrocumulus (Cc).
2 = Cirrostratus (Cs).
3 = Altocumulus (Ac).
4 = Altostratus (As).
5 = Nimbostratus (Ns).
6 = Stratocumulus (Sc).
7 = Stratus (St).
8 = Cumulus (Cu).
9 = Cumulonimbus (Cb).
x = Cloud not visible owing to darkness, fog, duststorm, sandstorm or other analogous phenomena.

Table 12.—Code for Height of Cloud (h_sh_s) (Code 1577)

Code figures 01–50 = cloud height in 100s of feet. Code figures 56–80, subtract 50 for cloud height in 1,000s of feet.

CODE FIGURES 81–89	CODE FIGURES 90–99*
81 = 35,000 feet	90 = less than 150 feet
82 = 40,000 ,,	91 = 150–300 ,,
83 = 45,000 ,,	92 = 300–600 ,,
84 = 50,000 ,,	93 = 600–1,000 ,,
85 = 55,000 ,,	94 = 1,000–2,000 ,,
86 = 60,000 ,,	95 = 2,000–3,000 ,,
87 = 65,000 ,,	96 = 3,000–5,000 ,,
88 = 70,000 ,,	97 = 5,000–6,500 ,,
89 = above 70,000 feet	98 = 6,500–8,000 ,,
	99 = 8,000 feet or higher or no low clouds.

* Only used when cloud height cannot be determined with greater accuracy.

Table 13.—Code for State of Ground (E) (Code 0900)

0 ... Ground dry.
1 ... ,, moist.
2 ... ,, wet.
3 ... ,, frozen.
4 ... Glaze on ground but no snow or melting snow.
5 ... Ice, snow or melting snow covering less than one-half of ground.
6 ... Ice, snow or melting snow covering more than one-half of ground (but not completely).
7 ... Ice, snow or melting snow covering ground completely.
8 ... Loose dry snow, dust or sand covering more than one half of ground (but not completely).
9 ... Loose dry snow, dust or sand covering ground completely.

Table 14.—Code for Direction in which Ship has moved (D_s) (Code 0700)

0 = Stationary.
1 = North-east.
2 = East.
3 = South-east.
4 = South.
5 = South-west.
6 = West.
7 = North-west.
8 = North.
9 = No definite direction or unknown.

Table 15.—Code for Speed of Ship (v_s) (Code 4451)

	kt.
0 =	0
1 =	1–3
2 =	4–6
3 =	7–9
4 =	10–12
5 =	13–15
6 =	16–18
7 =	19–21
8 =	22–24
9 =	>24

Table 16.—Code for Period of Waves (P_w) (Code 3155)

	sec.
2 =	<5
3 =	6 or 7
4 =	8 or 9
5 =	10 or 11
6 =	12 or 13
7 =	14 or 15
8 =	16 or 17
9 =	18 or 19
0 =	20 or 21
1 =	>21
x =	Calm or period not determined.

Table 17.—Code for Mean Maximum Height of Waves (H_w) (Code 1555)

	m.	ft.	50 added to d_wd_w m.	ft.
0 =	<¼	<1	5	16
1 =	½	1½	5½	17½
2 =	1	3	6	19
3 =	1½	5	6½	21
4 =	2	6½	7	22½
5 =	2½	8	7½	24
6 =	3	9½	8	25½
7 =	3½	11	8½	27
8 =	4	13	9	29
9 =	4½	14	9½	30½
x =	Height not determined.			

Notes :—

(i) The range of heights covered by a number is half a metre, e.g., number 3 applies to waves whose heights are between 1¼ m. and 1¾ m. (4 ft. and 5¾ ft.).

(ii) Waves whose heights are greater than 9¾ m. (31 ft.) are reported by coding H_w as 9 and adding after the code group the word WAVE and the actual height in metres or feet; e.g., Wave 40 ft.

(iii) If a wave height comes exactly midway between the heights corresponding to two code figures, the lower code figure is reported.

Table 18.—Code for Amount of Precipitation (RR) (Code 3577)

	mm.
01–55	Amount to the nearest whole millimetre.
56	60
57–90	Add 10 mm. for each unit above 56 e.g., 73 = 230 mm.
91	0·1
92	0·2
93	0·3
94	0·4
95	0·5
96	0·6
97	Trace
98	>400
99	Measurement impossible or inaccurate.

Table 19.—Explanation of Beaufort Letters used for Hydrometeors (pages 1 and 4)

d = drizzle.
f = fog, visibility 220–1,100 yards.
F = thick fog, visibility less than 220 yards.
fg = low fog over land or sea.
h = hail.
ks = storm of drifting snow.
l = lightning.
p = shower(s).
r = rain.
s = snow.
rs = rain and snow.
t = thunder.

Intensity is shown by capital letters (" heavy " or " thick ") or suffix " o " (" slight "). Continuous precipitation is shown by repeating the letter and intermittent precipitation by the prefix " i ". The prefix " j " indicates weather near but not at the station.

5. EXPLANATION OF CHARTS

BAROMETER. Isobars are drawn for intervals of four millibars.

WIND. Arrows fly with wind. A full length feather represents 10 Kt. and a short feather 5 Kt. A solid pennant represents 50 Kt. Calm is indicated by circle outside weather symbol.

TEMPERATURE is given in degrees F.

CLOUD SYMBOLS

Clear sky. Sky ⅛ covered. Sky ⅜ covered. Sky ⅝ covered. Sky ⅞ covered.
Sky ⅝ covered. Sky ⅝ covered. Sky ⅞ Covered Sky ⅝ covered. Sky obscured.

WEATHER SYMBOLS

Rain. Drizzle. Snow. Rain and snow. Hail.
Shower. Thunderstorm. Thunder. Fog. Mist.

FRONTS or boundaries between masses of air of different origin are indicated, wherever their characteristics are well pronounced, in the following way—

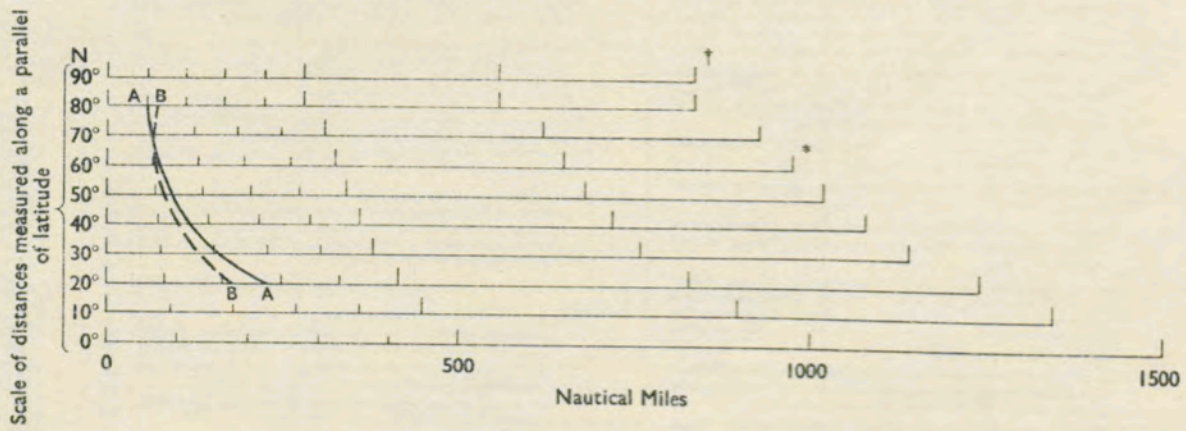
= Warm Front on the surface.
= Warm Front above the ground.
= Cold Front on the surface.
= Cold Front above the ground.
= Occluded Front (or Occlusion).
= Warm Occlusion.
= Cold Occlusion.
= Lines of Frontogenesis. Short strokes across the frontal line indicate Frontolysis.

Note.—The symbols are placed on the side of the line towards which the front is moving. When the front is stationary the symbols are placed alternately on both sides of the line. Identification letters are inserted on fronts and in systems.

N.B.—Readers of the Report who are unacquainted with the method of construction and the use of weather charts are recommended to read "The Weather Map. An introduction to Weather Forecasting" (4th Edition 1956), which may be purchased from H.M. Stationery Office, York House, Kingsway, W.C.2, price 11s. 4d. post free.

6. COMBINED DISTANCE AND GEOSTROPHIC WIND SCALE

Equidistant azimuthal projection on the plane of 60°N. Scale 1 : 30,000,000



† Scale of distances measured along a meridian in latitude 80°–90° N.

* Scale of meridian in latitude 0°–80° N. (1 : 30,000,000).

For geostrophic wind speed of 20 knots, with surface pressure 1013·2 mb and temperature 50° F., the distance between consecutive 4 mb isobars is measured from the left hand extremity of the scale to AA for E–W motion and to BB for N–S motion.

H.M.S.O. Press, M.O. Dunstable.

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 60 — MONTHLY SUMMARY — For DECEMBER 1960

CHANGEABLE AND RATHER COLD

With a deep depression near Iceland there were strong westerly winds over the British Isles for the first few days. Winds fell light on 6th but by 8th an anticyclone had developed over Scandinavia. This system later moved to Russia, but for well over a week the British Isles lay in the col linking it with the Azores anticyclone. From about 17th to 23rd the dominant feature was an anticylonic region in the north Atlantic, the weather of the British Isles being governed by depressions moving down its eastern flank. From 23rd to 25th this anticyclone drifted slowly southwards and successive centres of low pressure moved from south Greenland north of the British Isles. A more vigorous Atlantic depression moved northeast to become almost stationary to the north of Faeroes by 27th. This moved gradually eastward and filled and was replaced by another depression which with its associated secondary activity affected British Isles weather for the remainder of the month.

Two days of mild, showery weather preceded the arrival on 2nd of general rain. The associated frontal belt crossed northern areas quickly but became nearly stationary over Wales and central districts of England from the morning of 3rd to the morning of 4th. In this period 51mm of rain fell at Watnall and 40mm at West Raynham and Rhoose. There was severe flooding in Wales and southwest England, and westerly gales were an added hazard.

Winds moderated quickly on 5th and at night there was ground frost over most of the country. Fog became fairly widespread, particularly in industrial areas, and the temperature in some northern districts remained near freezing point for over 48 hours. This rather cold, foggy weather lasted until 8th, but later that day and during 9th snow and rain, associated with only a minor pressure system, spread southeast to many parts. There were snow showers on 10th and 11th followed on 12th by rain and some snow from an Atlantic occlusion, and with the arrival of moister air fog developed and became persistent in many places. Further fronts crossed the country slowly but the weather until 18th was characterised by fog and cloud rather than by rain.

A change in the weather took place on 19th and 20th, when moderate northerly winds spread across the country. Nevertheless, in the London area 20th was the ninth consecutive day without measurable sunshine. December 21st and 22nd were generally pleasant days, but milder air with some cloud and rain was slowly spreading in to Scotland. On 23rd a depression lay off northwest Scotland, giving fresh southwesterly winds over much of the country and drizzle and rain spread across all areas followed by colder showery weather. In most of England and Wales it was mainly dry with sunny intervals on 24th but sleet and snow showers in Scotland kept temperatures there in the low forties. Milder air with periods of rain affected western areas on 25th but it was mainly dry and cloudy in the south and east. Gale force westerly winds accompanied by thunderstorms affected western coastal districts during the night and the following day but in most of eastern and southern England it was cloudy and dry after early rain. Many places had long periods of sunshine on 27th but strong winds with thundery showers of rain and hail and also snow showers brought more wintry conditions to western and northern districts. On 28th strong winds and a belt of rain or sleet moved across from the west to affect all areas. Early morning fog and frost affected much of eastern and southern England on 29th but the fog cleared except in a few eastern coastal areas to give good sunny periods. Western areas were affected by a further rain belt moving in from the Atlantic to reach eastern districts during the 30th. Most areas had sunny periods on 31st with occasional rain or hail showers, but thundery showers were more widespread in Scotland.

Temperatures were generally below average during the month particularly in Northern Ireland where average daily maximum temperatures were around three degrees down. Sunshine totals generally were well above average, Valley showing its highest recorded total. Rainfall totals were very variable: for some parts of Scotland, Northern Ireland and northeast England totals were below average but Gorleston with 104mm exceeded its previous highest December rainfall.

PLACE	TEMPERATURE														SUNSHINE										RAINFALL											
																				Highest and lowest totals on record for month										Highest and lowest totals on record for month							
	Mean maximum °F.	Difference from average	Mean minimum °F.	Difference from average	Highest maximum °F.	Date	Lowest maximum °F.	Date	Highest minimum °F.	Date	Lowest minimum °F.	Date	No. of ground frosts	No. of air frosts	Days of no sunshine	Maximum duration Hrs.	Date	Total for month Hrs.	% of average	First year of record	Highest Hrs.	Year	Lowest Hrs.	Year	Days of no rainfall (0.1 mm. or less)	Maximum fall in 24 hrs. (Beginning 09 h.) mm.	Date	Total for month mm.	% of average	First year of record	Highest mm.	Year	Lowest mm.	Year	Days with thunder	Days with snow or sleet	Days with fog (Vis. < 220 yards at 09 h.)
Kew	44.6	+0.1	38.1	+0.4	55	03	39	(a)	51	(b)	30	29	14	04	15	06.6	27	049	123	1880	072	1886	.3	1890	14	15	03	050	096	1866	162	1914	06	1926	01	03	01
Thorney Island	45.3	-1.1	37.1	+0.6	55	03	38	07	52	04	29	17	11	07	11	06.6	27	058	-	-	-	-	-	-	09	27	03	101	140	-	-	-	-	-	01	05	02
Gorleston	44.7	-0.5	36.7	-0.9	54	(c)	38	(d)	49	04	30	(e)	08	07	17	06.3	02	042	090	1908	067	1936	16	1959	10	23	03	*104	189	1914	100	1915	12	1932	00	03	00
Cardington	43.6	-	36.1	-	54	(f)	35	08	49	(g)	25	13	17	07	15	06.3	27	045	-	-	-	-	-	-	12	21	03	070	163	-	-	-	-	-	00	04	05
Boscombe Down	43.3	-0.9	34.7	-0.8	53	03	33	13	47	04	26	13	17	11	09	06.4	02	055	104	1932	087	1946	20	1956	12	25	03	091	118	1931	204	1934	11	1933	00	05	03
Ross-on-Wye	43.9	-0.8	36.8	-0.4	55	03	31	13	49	04	27	(h)	13	05	10	06.5	02	059	116	1914	078	1948	26	1956	13	18	03	073	106	1859	197	1929	11	1926	00	02	02
Rhoose (Cardiff)	44.3	-	36.8	-	52	03	34	13	49	04	27	11	13	09	11	07.2	20	063	-	-	-	-	-	-	07	40	03	131	147	-	-	-	-	-	04	00	03
Plymouth	46.1	-2.2	37.6	-3.5	54	(i)	40	11	51	04	26	09	16	06	06	06.2	02	077	140	1921	082	1946	27	1927	12	27	03	126	110	1948	212	1959	19	1953	00	02	00
Elmdon	42.7	-1.0	34.9	-1.2	54	(u)	35	(j)	49	04	25	(k)	13	14	11	06.6	02	047	121	1928	058	(a)	19	1956	14	36	03	087	143	1933	118	1948	08	1933	00	04	03
Valley	45.8	-1.5	38.5	-3.2	53	03	39	15	47	(l)	27	(m)	13	07	07	06.6	20	*080	200	1913	080	1960	15	1931	12	17	25	110	122	1946	156	1959	39	1953	00	00	00
Manchester	42.5	-1.0	35.1	-0.4	54	01	35	(n)	46	04	24	(o)	15	10	15	05.9	27	043	154	1945	053	1948	16	1947	13	30	03	081	116	1929	140	1929	08	1933	00	09	02
Watnall	42.5	-0.2	35.3	-0.1	52	03	35	(p)	47	04	27	13	16	09	12	05.0	21	048	137	1934	053	1951	12	1956	14	51	03	096	163	1911	145	1915	08	1939	00	07	04
Dishforth	42.4	-0.7	34.8	-0.9	54	17	32	29	46	01	26	07	14	14	13	06.0	12	052	137	1945	061	1946	21	1956	11	17	03	055	098	1947	088	1959	27	1953	00	08	03
Tynemouth	43.8	-0.5	37.1	-1.3	52	(q)	37	11	47	01	25	09	12	03	13	05.7	21	†039	115	1936	049	1936	15	1947	09	08	09	043	070	1864	155	1915	04	1905	00	02	00
Eskdalemuir	38.4	-2.3	30.5	-2.7	47	01	32	(r)	42	17	19	11	21	20	09	06.4	12	053	147	1910	060	1935	03	1912	11	52	25	116	073	1910	339	1932	37	1933	00	07	05
Renfrew	42.0	-1.5	33.2	-2.4	50	(s)	32	15	47	17	19	20	19	15	17	03.9	12	023	082	1921	046	1938	09	1956	11	22	25	118	111	1920	230	1929	15	1933	02	07	05
Leuchars	41.0	-2.3	32.6	-2.9	52	17	32	15	44	17	24	15	20	17	06	06.2	02	057	130	1921	066	1929	16	1934	13	15	09	055	102	1921	127	1959	08	1926	00	01	00
Dyce	40.3	-2.1	31.6	-2.9	52	16	27	07	43	01	20	(t)	21	19	11	05.9	02	055	128	1925	067	1951	20	(b)	16	15	08	062	075	1946	127	1958	40	1949	00	03	00
Stornoway	43.5	-1.5	35.7	-2.7	51	16	36	19	44	16	26	19	12	07	11	04.8	10	043	179	1880	054	1935	06	1884	07	14	26	129	125	1942	214	1949	72	1943	00	04	00
Aldergrove	41.1	-3.2	32.9	-4.2	50	25	29	07	45	17	23	15	19	15	11	05.8	10	045	125	1927	070	1935	17	1954	12	08	25	053	059	1926	145	1929	28	1926	00	04	03

(a) on 11,13,14. (b) on 01,04. (c) on 01,03. (d) on 09,12. (e) on 12,28. (f) on 01,03. (g) on 01.04. (h) on 13,16. (i) on 01,03. (j) on 09,13. (k) on 11,13. (l) on 04,17,18,23. (m) on 11,15. (n) on 11,13. (o) on 07.13. (p) on 09,13. (q) on 01,17. (r) on 06,11. (s) on 16,17,25. (t) on 07,08. (u) on 02,03.

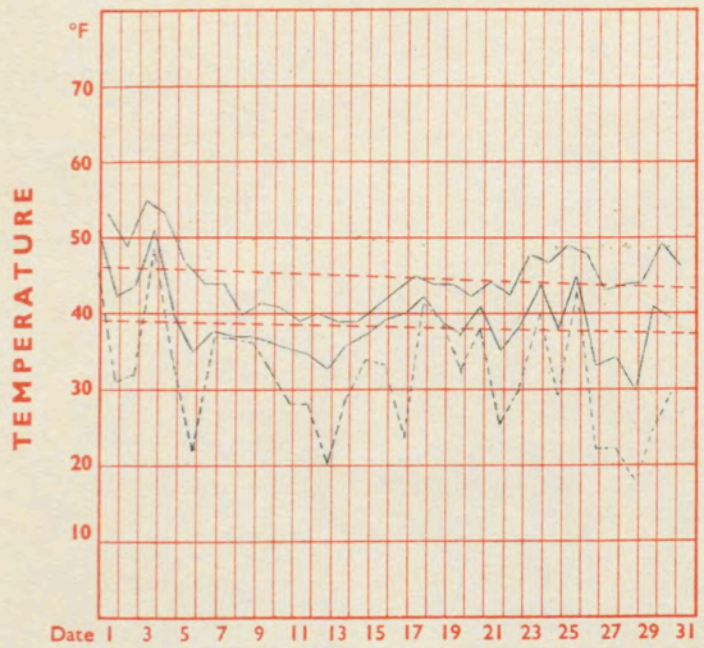
(a) in 1929, 1957
(b) in 1934, 1959

* exceeds record.
† no reading on 4 days.

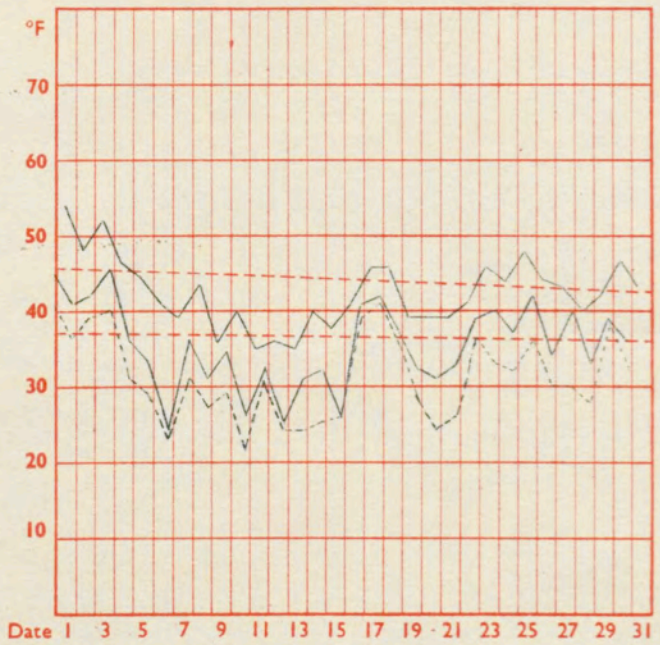
* exceeds record.

Corrections to Monthly Summary No. 59 November 1960:-
Ross-on-Wye; mean min. 41.7°, No. of ground frosts 9., Rainfall first year of record 1859. Elmdon; Max. rainfall 15 mm. on 17. Dishforth; Highest max. 57° on 01, 30. Tynemouth; Max. rainfall 15 mm. on 01. Dyce; Highest max. 55° on 30.

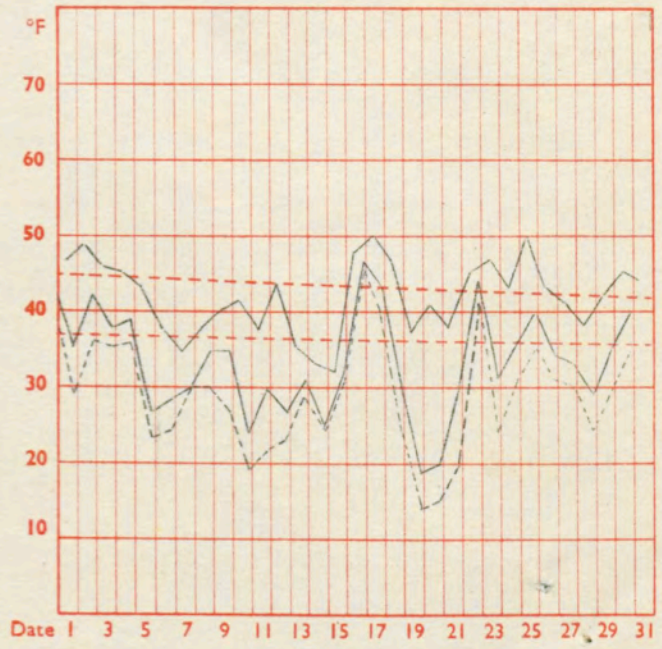
LONDON (Kew)



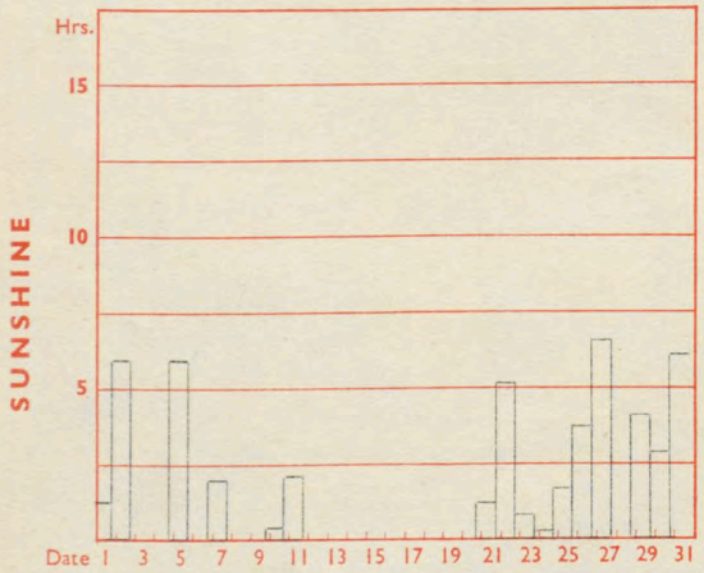
MANCHESTER (Airport)



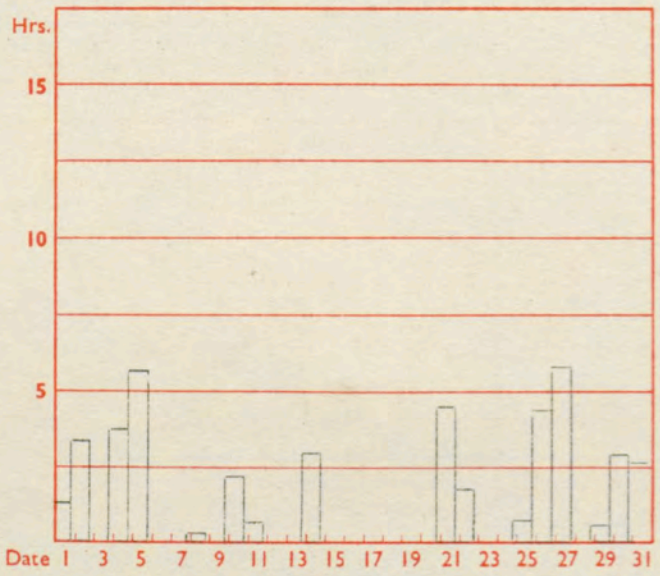
GLASGOW (Renfrew)



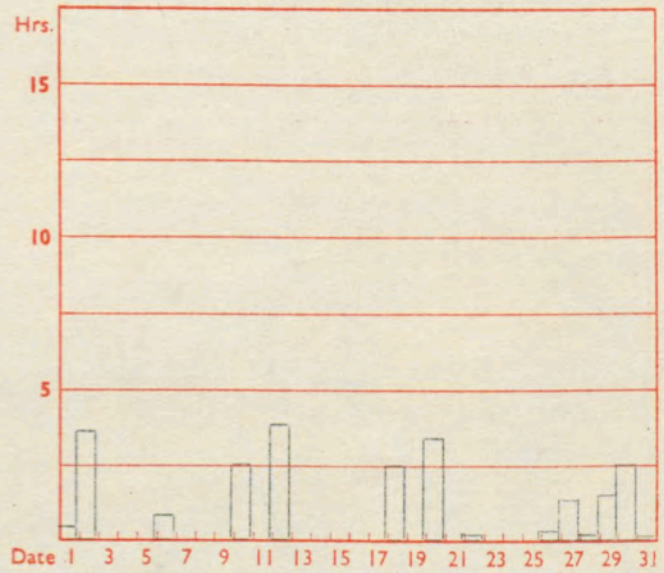
Maximum temperatures read at 21 h. G.M.T. daily, and minimum temperatures, read at 09 h. G.M.T. daily, are shown in full lines.
Grass minimum temperatures, read at 09 h. G.M.T. daily, are shown by a dotted line. Pecked lines in red show normal values.



Total for month 45 30 year (1921–1950) average 40 hrs.

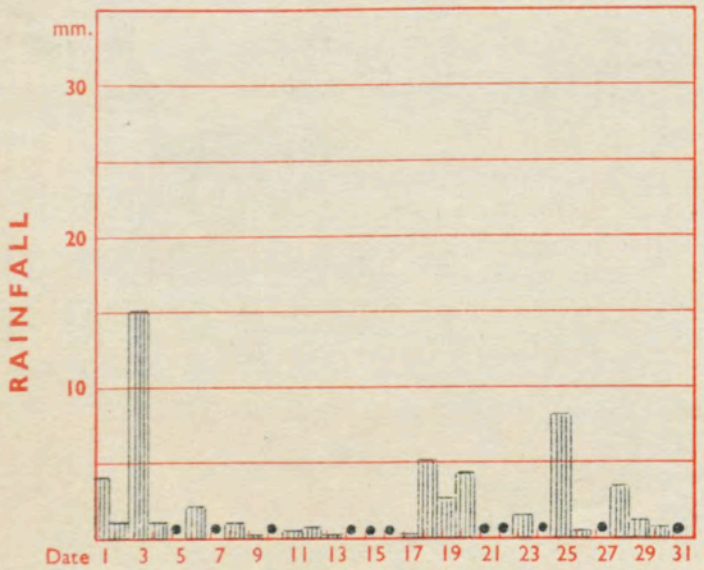


Total for month 43 30 year (1921–1950) average 28 hrs.

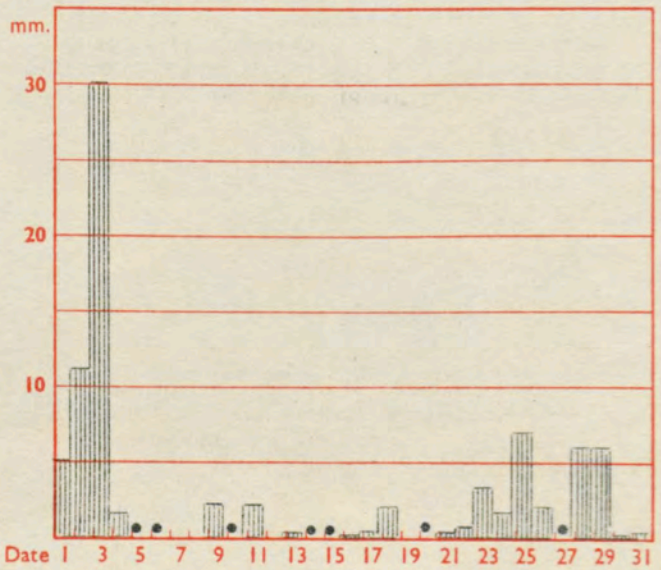


Total for month 23 30 year (1921–1950) average 28 hrs.

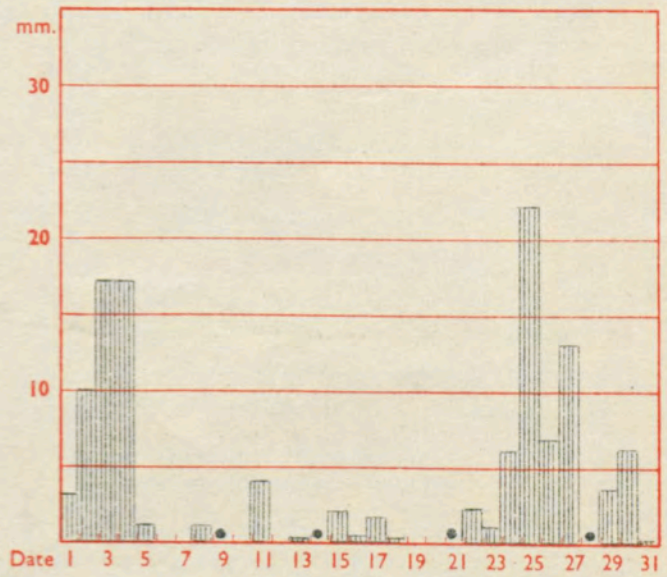
The rainfall entry made for each day represents the total fall for the 24-hour period beginning at 09 h. G.M.T. on that day. Trace (less than 0·05 mm) is indicated by " ● "



Total for month 50 35 year (1916–1950) average 52 mm.



Total for month 81 35 year (1916–1950) average 70 mm.



Total for month 118 35 year (1916–1950) average 106 mm.

SIR GRAHAM SUTTON, C.B.E., D.Sc., F.R.S., Director General. Meteorological Office, Air Ministry, Kingsway, London, W.C.2

H.M.S.O. Press, M.O. Dunstable.

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 36169

Date of Issue Thursday 1 December 1960

Code FM 11.A — OBSERVATIONS at 12h. 30 November 1960

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_ssCh_sh_s$	$8N_ssCh_sh_s$	$8N_ssCh_sh_s$
Kew	775	81914	78605	17152	773++	47711	87708	88612	
London Airport	772	82118	74216	17252	854++	48811	82712	88617	
Gatwick	776	82015	74205	18352	864++	47810	86713	88618	
Thorney Island	871	82018	74025	18253	36407	49815	83715	86635	88270
Hurn	862	82018	58586	16653	654++	51716	82716	86612	88632
Guernsey	894	81921	66606	19452	4747+	48814	84710	87622	
Felixstowe	697	82418	63035	18050	654++	48808	86617	88625	
Gorleston	497	72016	60012	17053	5657+	49805	85718	87360	
Mildenhall	578	82112	69022	15454	654++	48810	82712	86615	88625
Cardington	559	82120	66605	14953	474++	49815	84715	88620	
West Raynham	485	72222	74016	14653	463++	48811	84708	87615	
Wittering	462	82020	74205	13353	854++	49817	82710	88612	
Boscombe Down	746	81922	59505	15751	552++	49717	85704	88609	
Ross-on-Wye	627	82020	57515	11153	874++	50829	88710		
Bristol	628	82115	16606	13253	773++	51721	87708	88618	
Aberporth	502	71919	37516	07053	772++	51724	81702	87705	
Rhoose (Cardiff)	715	82113	74035	12254	354++	49826	83712	85620	88640
Plymouth	827	82129	24536	14153	372++	53719	83705	88706	
Chivenor	707	81824	48515	11255	473++	51725	84708	88612	
St. Mawgan	817	82024	50516	11752	772++	52719	87705	88615	
Culdrose	809	82129	14515	12353	5712+	52815	85702	88508	
Scilly	804	82127	24616	10853	862++	53712	88705		
Elmdon	534	81918	62606	12153	464++	49720	84710	88615	
Shawbury	414	71820	74012	08954	3547+	47822	83618	87462	
Manchester	334	81623	60026	08253	3547+	47822	83712	86620	88362
Squires Gate	318	81818	64036	06254	5557+	47728	83714	85622	86645
Valley	302	81928	37515	04053	862++	51726	83702	88703	
Ronaldsway	204	81932	40535	02553	672++	52828	86704	88707	
Silloth	214	71928	66015	02654	454++	48830	82710	84618	87645
Watnall	354	82316	63022	11553	563++	48717	85708	88630	
Spurn Head	396	72017	58022	11953	755++	49708	87620		
Finningley	360	82119	59032	10554	5557+	48817	82615	85625	87656
Dishforth	261	72019	61036	07655	35771	47716	81620	83650	86463
Tynemouth	262	81916	48022	05455	855++	48811	88625		
Eskdalemuir	162	81730	40616	02545	873++	48828	88706		
Mull of Galloway	131	81840	74032	98152	864++	52714	88718		
Prestwick	135	81920	62586	98154	5732+	50733	81707	85709	88525
Renfrew	141	81924	58626	98454	754++	51729	82709	87617	88625
Leuchars	171	72325	70026	98854	37432	49829	83715	84630	85070
Dyce	091	81919	56606	98851	36337	49828	83707	86718	88270
Wick	075	81617	80022	95051	4567+	46729	84630	88460	
Cape Wrath	049	82309	82026	90653	865++	47755	88720		
Sule Skerry	010	81813	81616	91850	864++	46739	88710		
Lerwick	005	81814	58588	94748	4632+	46818	84708	83625	88458
Stornoway	026	81827	59526	89653	373++	51834	83707	86710	88614
Benbecula	022	81727	40586	88852	762++	52729	87705	88710	
Tiree	100	81829	61012	91953	7542+	51729	82708	87618	88458
Aldergrove	917	81926	69026	97153	464++	50731	84712	88620	
Malin Head	980	81926	74206	93355	864++	51726	88712		
Belmullet	976	81928	61605	90752	864++	50734	85713	88719	
Birr	965	81920	74026	97856	864++	50822	85712	88628	
Collinstown	969	82120	80205	99656	7637+	48731	81709	87717	88458
Rineanna	962	81719	64606	96455	6741+	52725	83710	86616	88459
Roches Point	952	82828	48206	01153	862++	53816	88703		
Valentia	953	82129	59586	96155	863++	54826	88707		

OBSERVATIONS at 18h. 30 November 1960

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_ssCh_sh_s$	$8N_ssCh_sh_s$	$8N_ssCh_sh_s$
Kew	775	81916	58205	14152	674++	48610	86710	88615	
London Airport	772	82020	62205	13651	854++	49714	82709	88614	
Gatwick	776	82019	50615	15050	373++	49714	83707	86711	88617
Thorney Island	871	71917	66206	14952	854++	50814	88614		
Hurn	862	82018	58586	13253	573++	51717	82705	85706	88611
Guernsey	894	81920	70026	16353	5557+	49713	85620	88459	
Felixstowe	697	82320	63026	14950	855++	48711	88623		
Gorleston	497	82020	62026	13551	854++	47723	88618		
Mildenhall	578	82118	69026	12053	3551+	47711	82612	86630	88458
Cardington	559	82021	66506	11652	573++	49710	85709	88620	
West Raynham	485	82227	66026	11351	664++	47809	86714	88630	
Wittering	462	82020	66205	10252	854++	49612	88611		
Boscombe Down	746	82019	40516	12751	572++	50712	85703	88708	
Ross-on-Wye	627	82016	63216	07854	864++	50712	88715		
Bristol	628	82022	59216	10054	864++	52708	88714		
Aberporth	502	82029	40596	03653	472++	52816	84704	88708	
Rhoose (Cardiff)	715	82112	74025	09154	855++	50808	82615	88625	
Plymouth	827	82027	40206	10653	473++	52715	84708	85620	88624
Chivenor	707	81824	58505	08254	663++	52714	86709	88616	
St. Mawgan	817	82022	37515	08152	772++	52719	87704	88708	
Culdrose	809	72225	62216	09152	753++	51717	82705	87609	
Scilly	804	71924	59016	06253	354++	51722	83710	87622	
Elmdon	534	82016	58206	08354	674++	51209	86712	88713	
Shawbury	414	81816	66506	05753	854++	51711	88618		
Manchester	334	81724	59216	04653	4547+	50610	82710	84614	86650
Squires Gate	318	81720	40216	02054	354++	52710	83617	87645	
Valley	302	82134	32205	00254	661++	54612	86702	88703	
Ronaldsway	204	82137	58506	98054	864+++	52713	82708	88710	
Silloth	214	82032	59216	97554	573++	53716	82705	85708	86614
Watnall	354	82316	57216	07253	863++	51610	81704	88708	
Spurn Head	396	72022	59016	08151	755++	48711	87620		
Finningley	360	82120	61606	06455	854++	50608	88618		
Dishforth	261	81916	58042	03856	7557+	50720	87620	88462	
Tynemouth	262	81930	58022	99455	8092+	49723	88458		
Eskdalemuir	162	82030	28636	97451	871++	50714	88702		
Mull of Galloway	131	81922	66036	92756	464++	52621	84712	84620	88656
Prestwick	135	81927	61626	92255	454++	52723	82711	84617	87622
Renfrew	141	72323	66026	92955	4557+	49720	81710	84625	87365
Leuchars	171	81815	48506	92451	573++	49736	85707	87710	
Dyce	091	71420	74032	87851	756++	47736	87631		
Wick	075	82313	81022	83453	4652+	49727	84720	88460	
Cape Wrath	049	61718	82022	85752	674++	48733	86715		
Sule Skerry	010	81820	59036	87849	3637+	48632	83707	86358	88460
Lerwick	005	71831	61616	82753	573++	51737	82707	85709	87715
Stornoway	026	82325	66616	84747	663++	45507	86709	88615	
Benbecula	022	82623	59606	87149	3642+	47508	83712	88547	
Tiree	100	81929	66506	91756	364++	52618	83712	85615	88621
Aldergrove	917	82617	69616	90048	853++	47311	83709	88642	
Malin Head	980	82217	74026	90849	854++	44220	83715	88640	
Belmullet	976	82308	58636	94550	874++	49301	88716		
Birr	965	82123	69026	95456	864++	51716	88717		
Collinstown	969	82110	66616	94250	854++	48105	83715	85630	88656
Rineanna	962	82126	48615	96850	3742+	49607	83710	88536	
Roches Point	952	82312	62616	94949	864++	47104	87714	88638	
Valentia	953								

OBSERVATIONS during DAY

Station	iii	RRT_xT_xE	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Kew	775	97531	000	ir_0id_0	id_0
London Airport	772	97531	000	ir_0	d_0d_0
Gatwick	776	02521	000	d_0d_0	$ddr_0r_0d_0d_0$
Thorney Island	871	01541	000	id_0ir_0	id_0dd
Hurn	862	04541		dr	d_0r_0
Guernsey	894	01531	000	$ir_0d_0r_0$	ir_0
Felixstowe	697	97511	000	ir_0	ir_0
Gorleston	497	97531	000	ir_0	+
Mildenhall	578	97541	000	ir_0	ir_0
Cardington	559	93541	000	ir_0	id_0ir_0
West Raynham	485	97531	000	ir_0	$d_0r_0ir_0$
Wittering	462	97531	000	id_0	id_0
Boscombe Down	746	01511	000	d_0d_0	$d_0d_0ir_0d_0d_0$
Ross-on-Wye	627	01551	000	$d_0d_0r_0r_0$	r_0r_0
Bristol	628	01551	000	ir_0	d_0r_0
Aberporth	502	03541	000	$drd_0d_0d_0r_0$	$d_0d_0d_0r_0d_0d_0$
Rhoose (Cardiff)	715	97551	000	id_0	id_0
Plymouth	827	03541	000	drdddr	$id_0drid_0ir_0$
Chivenor	707	94561	000	$id_0d_0d_0$	$id_0d_0d_0id_0$
St. Mawgan	817	01531	000	d_0d_0	$d_0d_0d_0r_0$
Culdrose	809	01552		$id_0d_0d_0$	id_0ir_0
Scilly	804	01542	000	ir_0rr	ir
Elmdon	534	01541	000	ir_0id_0	$ir_0d_0d_0$
Shawbury	414	03551	000	$d_0r_0ir_0$	$rrRRr_0r_0d_0r_0$
Manchester	334	97541	002	ir_0	$ir_0id_0ir_0d_0d_0$
Squires Gate	318	97551	000	ir_0	$ir_0d_0r_0$
Valley	302	02541	000	idd_0d_0	$d_0d_0d_0r_0$
Ronaldsway	204	92551	000	$id_0d_0d_0$	id_0ir_0
Silloth	214	02551	000	id_0ir_0	ir_0rrir_0rr
Watnall	354	97531	000	+	$ir_0d_0r_0$
Spurn Head	396	91531	000	ir_0	+
Finningley	360	97551	000	ir_0	ir_0
Dishforth	261	97571	000	ir_0	ir_0
Tynemouth	262	97561	000	+	pr_0
Eskdalemuir	162	09512	000	$rrr_0r_0d_0d_0$	$r_0r_0rrr_0r_0$
Mull of Galloway	131	93531			
Prestwick	135	07562	000	$ir_0d_0r_0dr$	ir_0rrRR
Renfrew	141	12562	000	drir	rrRR
Leuchars	171	03561	000	ir_0id_0	ir_0id_0
Dyce	091	95541	000	$ir_0d_0r_0$	$d_0r_0drid_0ir_0$
Wick	075	00531	000	+	+
Cape Wrath	049	06541		+	ir_0
Sule Skerry	010	03542			
Lerwick	005	01492	000	d_0r_0ir	+
Stornoway	026	05542	000	d_0d_0	RR
Benbecula	022	08531	000	$d_0d_0ir_0$	$ir_0RRr_0r_0$
Tiree	100	96541	000	ir_0	$r_0r_0ir_0$
Aldergrove	917	05572	000	$ir_0id_0ir_0$	$ir_0id_0irdrr_0r_0$
Malin Head	980	0156	001		
Belmullet	976	0453	000		
Birr	965	0558	000		
Collinstown	969	9157	001		
Rineanna	962	1058	000		
Roches Point	952	0554	000		
Valentia	953	0656	000		

Code FM 21.A — OCEAN WEATHER STATION REPORTS at 12h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_ss_app	$8N_ssCh_sh_s$	$8N_ssCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
A	40618	32912	73632	70808	86443	794++	00210	+++++	+++++	05439	13648
B	40565	51012	72917	65858	11333	52509	00108	85820	852++	05521	13269
C	40528	35512	73448	63808	00842	72400	00358	87815	+++++	05339	18059
D	40440	41012	72721	69251	25048	52508	00222	85825	872++	06138	18061
I	40589	18912	80912	97608	76946	854++	31717	88618	+++++	05540	10932
J	40525	19912	72223	97808	84149	784++	00304	87918	+++++	05240	17450
K	40452	16312	82118	57616	06355	873++	51802	88708	+++++	05155	12147
M	43659	02412	71531	60216	89743	69440	31719	82910	84815	05539	11438

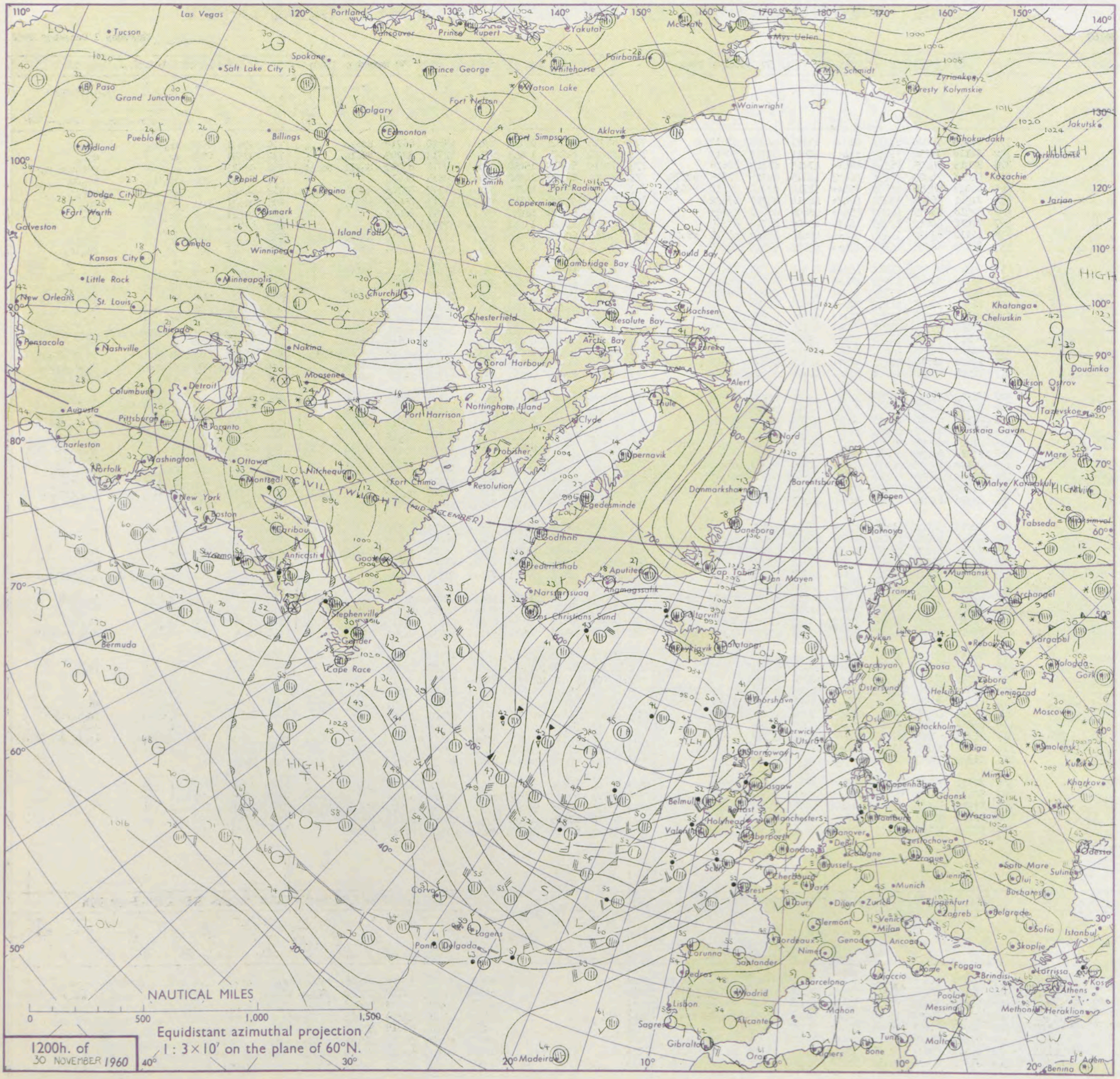
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_ss_app	$8N_ssCh_sh_s$	$8N_ssCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
A	40620	33018	53516	80908	89944	49442	81330	+++++	+++++	05337	13546
B	40565	51018	82720	65028	10232	855++	00712	88625	+++++	05628	13266
C	40528	35518	53238	69028	10143	31404	00242	83815	+++++	05236	18158
D	40440	41018	83220	69022	26851	64508	00312	86625	+++++	05840	18060
I	40589	19018	80315	97818	77943	894++	00324	87915	+++++	05839	10443
J	40526	19918	62216	97158	82647	594++	00309	83709	85918	05440	12249
K	40450	16218	42638	80016	07957	32502	61324	83825	+++++	05146	12836
M	43658	02418	82411	70011	90945	3941+	71005	81910	88457	05237	12422

All times of observation printed in this publication are GREENWICH MEAN TIME.

SIR GRAHAM SUTTON, C.B.E., D.Sc., F.R.S., Director General. Meteorological Office, Air Ministry, Kingsway, London, W.C.2

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



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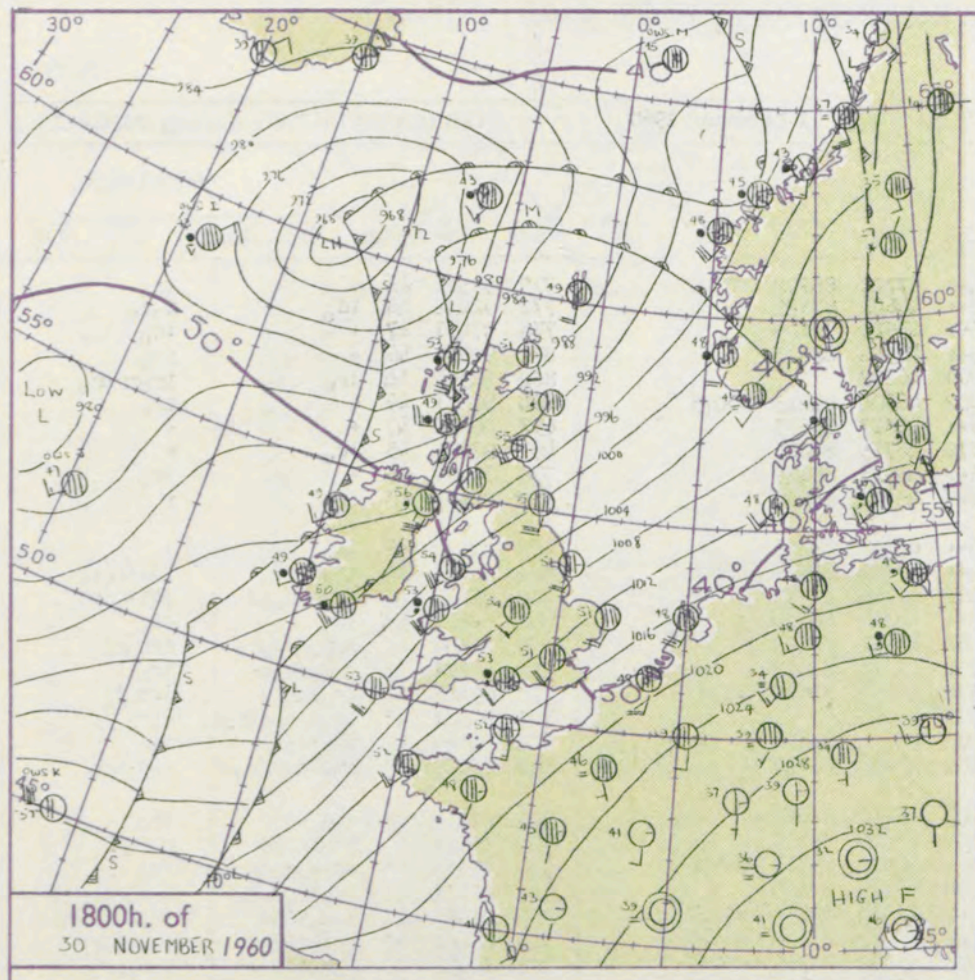

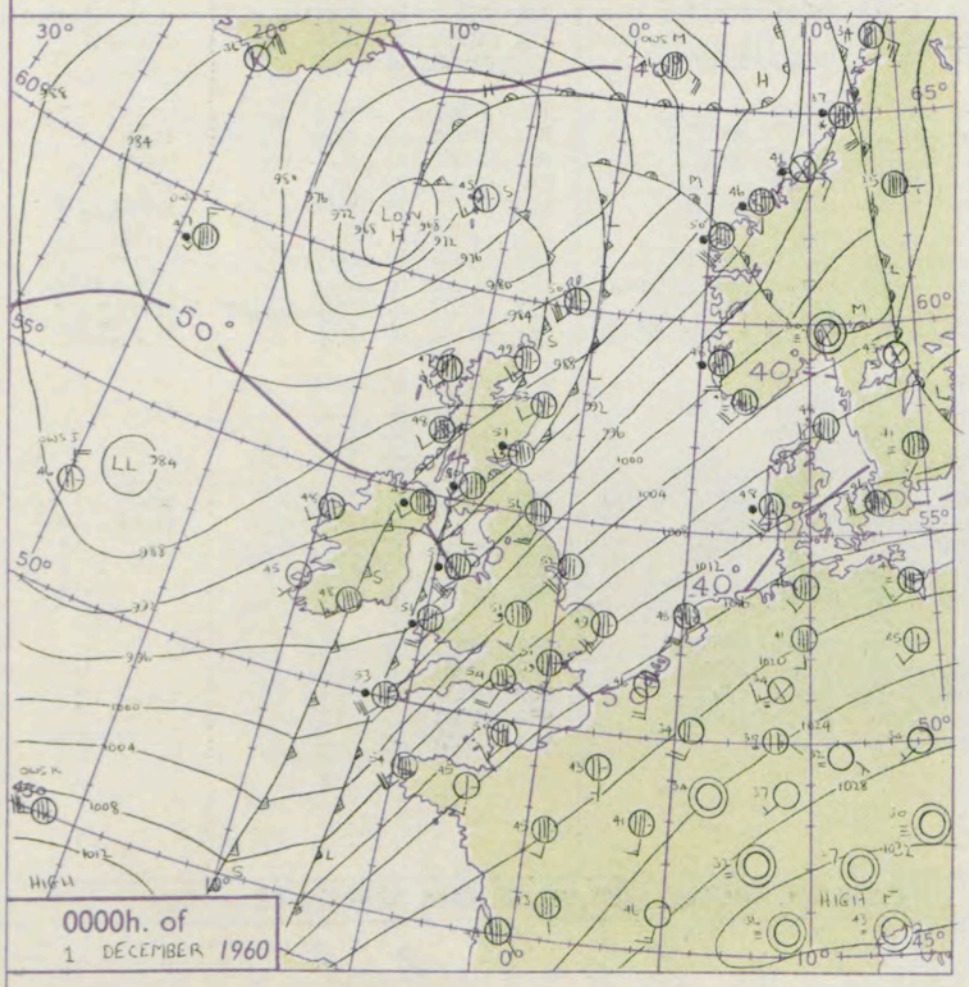

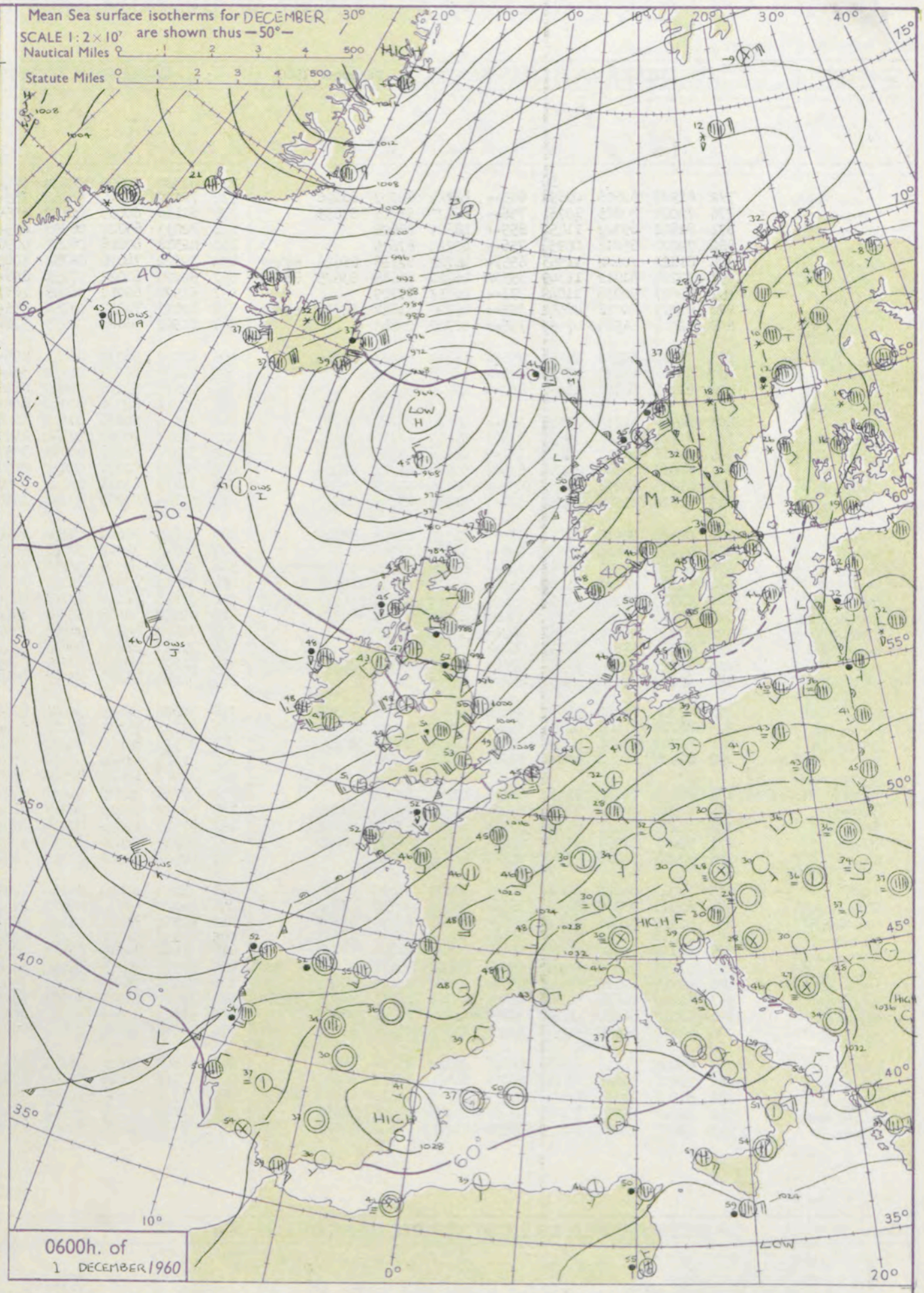

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Thursday 1 December 1960

A wave depression moving northeast to west of Ireland deepened and became the major centre in the Atlantic by this morning while the old centre filled and moved east as a trough. This trough is expected to continue to move east over Britain, but may be slow moving over Spain with a small centre developing there. The development of the wave depression brought colder air across all areas by this morning much more quickly than expected.

FORECAST for Great Britain and Northern Ireland until noon tomorrow

There will be showers and bright periods in all areas and some of the showers will be heavy with thunder. There may be snow or sleet on high ground in Scotland. During the night some fog patches may develop and a few places may have slight frost. Day temperatures will be near the seasonal average.

OUTLOOK for the next 24 hours.

Showers and bright periods with near average temperatures.

Code FM 11.A

OBSERVATIONS at 00h. 1 December 1960

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew				50					
London Airport	772	81923	62505	09651	855++	46724	82707	88628	
Gatwick	776	72024	80025	10751	756++	46727	81715	87635	
Thorney Island	871	81822	69022	11452	855++	48621	88626		
Hurn	862	72020	66216	08954	756++	49725	87635		
Guernsey	894	81822	70022	11953	6557+	48722	82716	86626	88459
Felixstowe	697	72224	61012	11349	35532	46724	81615	83625	86075
Gorleston	497	72023	60036	11049	773++	46717	87709		
Mildenhall	578	81913	66026	08552	355++	45720	83627	85636	88642
Cardington	559	72019	66505	07552	756++	46722	87640		
West Raynham	485	72022	66016	08151	756++	45712	81715	87644	
Wittering	462	82022	66035	06352	856++	46720	88630		
Boscombe Down	746	81925	62505	08351	854++	47725	88618		
Ross-on-Wye									
Bristol	628	81916	32216	05652	464++	49830	84710	88717	
Aberporth	502	81924	28656	97651	6742+	51843	86710	88515	
Rhoose (Cardiff)	715	81913	66216	04553	554++	48625	85615	88620	
Plymouth	827	82035	58586	05254	574++	50734	85715	88624	
Chivenor	707	81825	81216	02454	554++	50734	85619	88625	
St. Mawgan	817	81824	19596	02051	574++	51834	85706	88710	
Culdrose	809	82138	50216	03051	573++	51739	85708	88615	
Scilly	804	72132	59606	99853	763++	52737	87708		
Elmdon	534	81917	62502	04351	363++	48725	83708	85712	88619
Shawbury	414	81814	80506	01252	6547+	48721	86619	88462	
Manchester	334	81724	61205	00252	454++	48730	81711	84617	88640
Squires Gate	318	81719	61026	98954	355++	48714	83620	88631	
Valley	302	81932	28636	93852	862++	52743	88703		
Ronaldsway	204	81933	48636	93853	864++	52728	88712		
Silloth	214	82025	32636	93952	4732+	50824	84709	86710	88516
Watnall	354	82318	74026	03050	664++	49728	86712		
Spurn Head	396	62026	57012	03652	25550	48721	82620	84358	
Finningley	360	82118	61506	02853	554++	49620	85617	87622	88641
Dishforth	261	82029	66016	99455	5557+	46721	85628	88460	
Tynemouth	262	81924	66028	97056	856++	49717	88630		
Eskdalemuir									
Mull of Galloway	131	82020	74636	91651	864++	49207	88715		
Prestwick	135	82312	60636	90950	5722+	49710	85705	88525	
Renfrew	141	82112	56636	91350	373++	49703	83708	88612	
Leuchars	171	82411	48596	91051	674++	48705	86710	88620	
Dyce	091	72208	70216	90353	755++	48205	87624		
Wick	075	72013	86022	87649	756++	39219	81620	87635	
Cape Wrath	049	62318	83016	84347	3652+	43209	83720	83460	
Sule Skerry	010	52330	82016	84149	2257+	40207	82820	85360	
Lerwick	005	72230	74205	84150	3643+	49505	83712	87359	
Stornoway	026	82117	74026	86047	15507	40114	81625	88275	
Benbecula	022	82125	74036	86149	856++	40003	88637		
Tiree	100	82112	62016	88448	3551+	45002	83620	88460	
Aldergrove	917	82210	58636	92345	4642+	45706	84712	84616	88550
Malin Head	980	82213	66616	90345	4642+	43806	84716	88458	
Belmullet	976	52212	69256	89348	43403	43814	84918	85070	
Birr	965	81908	74216	93245	5642+	42710	85716	88458	
Collinstown	969	82812	66616	93346	864++	44511	83712	88645	
Rineanna	962	81809	80036	93146	4857+	43709	81822	84635	88458
Roches Point	952	82217	66216	95148	2732+	45803	82706	88457	
Valentia	953	02005	74256	94045	48500	41604	81823	84642	

OBSERVATIONS at 06h. 1 December 1960

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775	82320	70606	06652	674++	47720	86712	88720	
London Airport	772	72128	74015	05153	755++	44621	87625		
Gatwick	776	82118	80035	06852	855++	43513	88629		
Thorney Island	871	82033	69022	06953	855++	48514	88621		
Hurn	862	02318	60216	06251	00900	46202			
Guernsey	894	32322	74016	09752	12402	46304	81815	83075	
Felixstowe	697	82220	61022	07151	856++	45617	88633		
Gorleston	497	61922	62012	06149	16370	46715	86360		
Mildenhall	578	82123	74032	03754	855++	45518	88625		
Cardington	559	81927	66022	02653	576++	45723	88634		
West Raynham	485	82027	66032	02451	855++	45732	88626		
Wittering	462	82127	66505	01352	354++	47620	83615	88620	
Boscombe Down	746	22223	62216	05649	26400	47304	82715		
Ross-on-Wye	627	62317	82016	01949	665++	44310	86720		
Bristol	628	32316	58216	03549	25540	45311	82620		
Aberporth	502	12116	80016	99544	15500	42218	81625		
Rhoose (Cardiff)	715	52412	66216	03549	35570	43234	83622	85360	
Plymouth	827	02328	62016	05052	00900	44216			
Chivenor	707	31817	81016	03248	32500	46114	83826		
St. Mawgan	817	12115	80258	03946	12500	43216	81820		
Culdrose	809	42425	60808	04150	28400	45110	82812		
Scilly	804	32323	79028	02751	38400	46206	83815		
Elmdon	534	82219	62505	00751	564++	46500	85714	88636	
Shawbury	414	32316	66216	99347	35500	43320	83625		
Manchester	334	82115	62216	97149	454++	43310	84615	88630	
Squires Gate	318	82519	58616	95747	356++	45322	83630	88645	
Valley	302	32420	66258	96548	35500	46222	82715	83625	
Ronaldsway	204	72223	66806	94648	5257+	42218	85825	86458	
Silloth	214	82411	70216	93947	555++	43340			
Watnall	354	52420	66216	98550	25400	50514	82715	85630	
Spurn Head	396	72028	58022	98650	755++	47733	87620		
Finningley	360	82110	59605	97252	554++	49520	85617	88648	
Dishforth	261	82523	59656	95252	8742+	50509	82716	88535	
Tynemouth	262	82025	61606	91552	856++	48523	88630		
Eskdalemuir	162	82408	48616	88943	4722+	42325	84705	88514	
Mull of Galloway	131	82725	80026	92447	874++	43209	88718		
Prestwick	135	72212	70216	90847	464++	43310	84710	87650	
Renfrew	141	82210	62656	90944	474++	41309	84710	86622	88630
Leuchars	171	82708	58616	89044	5742+	43304	85711	88527	
Dyce	091	82602	62216	88245	555++	43711	81710	85625	88646
Wick	075	71910	83012	86944	7097+	39705	87458		
Cape Wrath	049	82324	83022	82947	38507	45706	83825	88270	
Sule Skerry	010	82330	82022	83249	864++	42711	88715		
Lerwick	005	82123	81031	83147	856++	40710	88630		
Stornoway	026	51804	80016	85443	25630	39304	82630	84360	
Benbecula	022	62116	80258	86216	53562	42304	83920	83640	85070
Tiree	100	72308	58806	88145	794++	41205	84711	87925	
Aldergrove	917	42012	66016	92343	35530	41210	81616	83625	
Malin Head	980	21913	80026	89943	25600	41306	82645		
Belmullet	976	81916	74808	88548	894++	44503	88918		
Birr	965	71508	70808	93243	785++	39001	86820	87635	
Collinstown	969	32112	80026	94344	10932	38211	81360	83070	
Rineanna	962	71914	80808	92146	785++	42607	85822	87640	
Roches Point	952	72319	66258	95047	734++	44501	85917	87643	
Valentia	953	72415	66258	92548	735++	41302	87921		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.—03h.	WEATHER 03h.—09h.
Kew	775	97511	46	+	ir_o
London Airport	772	92492	44	id_o	d_or_o
Gatwick	776	97491	47	+	id_o
Thorney Island	871	92511	46	+	ir_o
Hurn	862	94502	44	ir_o	ir_orrir_o
Guernsey	894	92511	49	+	ir_o
Felixstowe	697	00490	47	+	+
Gorleston	497	97471	45	ir_o	+
Mildenhall	578	97501	45	+	ir_o
Cardington	559	97491	43	id_o	+
West Raynham	485	97491	47	ir_o	+
Wittering	462	92481	44	id_o	id_oir_oir
Boscombe Down	746	95451	42	$id_od_od_odd$	$ddid_oir$
Ross-on-Wye	627	02471	43	ir_o	pR
Bristol	628	02491	41	$d_or_oddd_or_o$	rrr_or_o
Aberporth	502	10441	41	$d_od_oRRir_o$	ir_o
Rhoose (Cardiff)	715	01481	44	ir_oid_o	irr_or_o
Plymouth	827	04501	47	$id_od_or_oddr_or_o$	r_or_o
Chivenor	707	04481	42	id_oir_o	ir_o
St. Mawgan	817	06451	43	$drDRddr_or_o$	$r_or_opr_o$
Culdrose	809	01452	46	ir_o	ir_o
Scilly	804	04472		ir_oir	r_or_opR
Elmdon	534	01461	43	$rrid_od_od_o$	id_o
Shawbury	414	02451	40	$ir_oid_or_or_o$	$r_or_orrr_or_o$
Manchester	334	01451	41	$d_od_oid_o$	$ir_oirrrir_o$
Squires Gate	318	05461	43	$ird_or_or_or_o$	r_or_oRRrr
Valley	302	13451	42	d_or_orr	$r_or_opr_o$
Ronaldsway	204	05461	44	$r_or_orrr_or_o$	$r_or_opr_oprphpr_o$
Silloth	214	08452	43	rr	$rrir_opr_o$
Watnall	354	01461	41	d_or_o	r_or_o
Spurn Head	396	92481		+	pr
Finningley	360	01481	45	d_or_o	ir_orr
Dishforth	261	02461	43	+	$RRpr_o$
Tynemouth	262	95471	40	pr_o	ir_o
Eskdalemuir	162	18412	39	rrRR	$RRrrd_od_oiR$
Mull of Galloway	131	27452			
Prestwick	135	10451	43	r_or_orr	r_or_orr
Renfrew	141	21432	40	RRrr	$r_or_orrRRir_o$
Leuchars	171	05432	41	$ir_odrd_or_orr$	$RRrrr_or_o$
Dyce	091	01431	41	ir_o	$ir_or_or_oir$
Wick	075	00431	41	+	+
Cape Wrath	049	93411	43	+	ir_o
Sule Skerry	010	91460	43		
Lerwick	005	97461	44	id_o	+
Stornoway	026	95402	37	+	ir_opr
Benbecula	022	01451	41	$irpr_o$	pr_o
Tiree	100	03431	41	$iRir_o$	phrpr
Aldergrove	917	08412	37	$r_or_orrir_o$	ir_o
Malin Head	980	02421	39		
Belmullet	976	93441	40		
Birr	965	12421	38		
Collinstown	969	07431	38		
Rineanna	962	08431	40		
Roches Point	952	10451	42		
Valentia	953	09441	40		

Code FM 21.A

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_s$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
A	50621	33100	23612	80028	93143	22500	00211	+++++	+++++	05337	13645
B	50565	51000	81804	69858	08331	855++	00724	88620	+++++	05729	149++
C	50528	35500	72930	69022	14941	724++	00120	87815	+++++	05533	17953
D	50440	41000	83216	69022	29349	00907	00400	882++	+++++	06038	13068
I	50589	19000	83315	98808	82347	885++	00224	84820	88656	05437	13332
J	50526	19900	53321	98018	87246	38573	61225	82825	84068	05540	13234
K	50449	16500	72537	70258	10352	49543	61207	83923	84076	05648	12548
M	53661	02000	81224	65161	86246	2942+	41722	82910	88557	05139	11232

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_s$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
A	50621	33106	72810	80808	93843	795++	00400	+++++	+++++	05337	12821
B	50565	51006	80726	69858	99935	855++	00754	88620	+++++	05329	149++
C	50528	35506	82525	65808	16340	62507	00314	86820	882++	+++++	+++++
D	50440	41006	22013	69011	29552	11501	00400	81825	+++++	05741	13067
I	50588	19106	23611	98011	84947	28500	00207	81820	+++++	05538	13633
J	50524	20006	32928	98258	95746	39500	00244	83920	+++++	05540	13034
K	50450	15706	52934	80018	11254	42502	00317	84820	+++++	05445	12948
M	53659	02106	81724	40602	06746	77320	41649	87808	88557	05146	11534

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DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 36170

Date of Issue Friday 2 December 1960

Code FM 11.A

OBSERVATIONS at 12h. 1 December 1960

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_d app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775	81811	70036	07852	5452+	46801	85620	88499	
London Airport	772	72115	69036	07852	65628	45801	81718	86640	87270
Gatwick	776	82117	69026	08653	36437	46003	83712	88270	
Thorney Island	871	72014	66016	09253	21538	49801	82820	83360	87272
Hurn	862	72015	58808	07854	68532	49000	81715	85820	87075
Guernsey	894	62019	74011	10352	30938	46805	83365	86275	
Felixstowe	697	52313	60022	08851	00908	47006	85270		
Gorleston	497	62016	62022	08251	20948	45216	82360	86275	
Mildenhall	578	72213	66036	06953	25637	43008	82635	87270	
Cardington	559	72116	69022	06152	35574	44000	83625	85460	86070
West Raynham	485	72217	82022	05950	10932	43011	81365	87070	
Wittering	462	72218	69026	05250	11508	43006	81820	87270	
Boscombe Down	746	72017	61031	07351	525+2	46802	85820	86070	
Ross-on-Wye	627	52014	70801	03251	28502	42807	81825	83070	
Bristol	628	71913	69801	05252	784++	46804	85816	86625	
Aberporth	502	62020	69018	99751	49441	44808	81914	83815	83075
Rhoose (Cardiff)	715	72110	66021	04251	584+2	43711	82818	84622	86070
Plymouth	827	72034	62158	05353	48408	45807	82818	87275	
Chivenor	707	71816	82258	03152	29403	46709	82914	87070	
St. Mawgan	817	52018	66018	03252	39409	45809	82918	83175	
Culdrose	809	72323	66038	04352	52436	45805	81712	85815	85270
Scilly	804	72221	59038	02552	32478	46806	83814	84358	86275
Elmdon	534	72018	60022	03750	18532	41802	81620	86070	
Shawbury	414	71914	62041	01250	785+2	41802	83720	86825	
Manchester	334	51817	66031	00950	48542	42002	81820	83825	85072
Squires Gate	318	52121	58808	98949	49463	46400	81818	83625	81925
Valley	302	62327	66818	97648	634++	46702	84916	83829	
Ronaldsway	204	42227	80018	95651	32541	42604	83820		
Silloth	214	72116	62258	94849	6946+	45814	81718	84922	
Watnall	354	72416	61036	03150	21508	43004	82820	87275	
Spurn Head	396	52018	59028	04149	44530	44212	84620		
Finningley	360	42117	61036	02251	15602	43302	81630	83075	
Dishforth	261	61913	59048	00150	28504	41207	81825	86075	
Tynemouth	262	52315	61026	97650	45670	40210	84640		
Eskdalemuir	162	81817	63818	95744	824++	43806	88810		
Mull of Galloway	131	72027	80032	92148	734++	41719	87918		
Prestwick	135	71709	58602	92845	354++	42710	83718	87630	
Renfrew	141	81504	40046	93546	6857+	42002	81822	86640	88362
Leuchars	171	52609	62036	93447	28502	41009	82822		
Dyce	091	22406	82016	92347	18532	39012	81820		
Wick	075	42017	86011	88945	28530	38214	81820	83360	
Cape Wrath	049	82314	83032	87346	38507	46225	83825	88270	
Sule Skerry	010	82324	85812	85645	864++	43211	88715		
Lerwick	005	72330	74252	83446	4847+	42304	84818	87259	
Stornoway	026	71908	82038	87945	29563	42209	82920	85359	87070
Benbecula	022	81810	56818	88444	894++	44211	81710	86918	88630
Tiree	100	72019	81158	89148	7347+	44803	82916	85822	85650
Aldergrove	917	72020	62036	92446	454++	42707	82710	84713	87623
Malin Head	930	72014	80258	90545	785++	41803	83821	87656	
Belmullet	976	72708	74258	91846	794++	41218	87919		
Birr	965	72110	82018	95345	535+2	39211	83922	85640	87073
Collinstown	969	12322	82018	94449	13584	38504	81922		
Rineanna	962	62010	83028	95445	53503	41012	84922	85645	86070
Roches Point	952	72310	66158	96850	794+3	45002	87918		
Valentia	953	73202	80808	96346	733++	43111	81709	87924	

OBSERVATIONS at 18h. 1 December 1960

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_d app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775	71815	70032	05051	4551+	45812	84620	87499	
London Airport	772	81819	66036	05251	35577	46712	83623	85365	88275
Gatwick	776	72017	63022	06251	16417	45712	81712	84465	88270
Thorney Island	871	81915	62022	06053	4562+	48614	84630	88465	
Hurn	862	82020	69022	04853	4563+	47708	81712	84630	88360
Guernsey	894	72022	78028	07452	6857+	43710	82820	86645	
Felixstowe	697	62117	61031	07950	40972	47503	84360	84070	
Gorleston	497	31816	56011	07649	3097+	46602	83360		
Mildenhall	578	72014	64031	04851	7093+	44710	87365		
Cardington	559	82014	58808	04249	634++	46606	86915	83630	
West Raynham	485	62019	62021	04149	15602	43812	81635	86070	
Wittering	462	72018	58808	03248	5567+	43501	85630	85360	
Boscombe Down	746	82013	62258	04647	884++	45711	84815	88640	
Ross-on-Wye	627	82210	57646	00948	8042+	45607	88510		
Bristol	628	82115	66038	02950	6567+	45708	86632		
Aberporth	502	72012	59808	98945	7946+	42000	87916		
Rhoose (Cardiff)	715	72211	74028	01649	5847+	42802	83815	85650	87360
Plymouth	827	42324	66258	02852	23401	42801	82919		
Chivenor	707	21915	80018	00847	13433	42804	81918		
St. Mawgan	817	62213	74258	01546	49472	42802	84915	86359	85075
Culdrose	809	72322	62028	02248	37408	42802	83712	85818	
Scilly	804	72620	61258	00647	53406	45806	85914		
Elmdon	534	81913	48258	01848	756++	43603	87631		
Shawbury	414	72006	80258	00045	58536	42605	83820	86270	
Manchester	334	81814	62258	99547	58577	41506	82823	85645	86362
Squires Gate	318	72014	62808	98147	784++	42702	84818	87635	
Valley	302	71918	66258	97248	32472	45702	83818	84462	87070
Ronaldsway	204	72511	80038	96848	58572	41209	84820	85650	86458
Silloth	214	72008	59258	96145	794++	41104	82712	86923	
Watnall	354	82211	56028	01147	374++	45607	83710	88819	
Spurn Head	396	41920	58018	01850	49500	46715	84920		
Finningley	360	72113	56258	00648	5356+	45608	82925	85635	87359
Dishforth	261	81912	40048	98948	35607	42608	83640	88270	
Tynemouth	262	61914	58022	97748	656++	41602	86630		
Eskdalemuir	162	72310	63258	96543	784++	41309	82816	87628	
Mull of Galloway	131	22318	80022	95446	44406	42118	84618	87075	
Prestwick	135	62214	74018	94348	684++	42218	81818	83825	
Renfrew	141	42317	56048	93545	48401	40307	81818	83630	
Leuchars	171	12518	70258	93045	18500	38801	81825		
Dyce	091	22013	59048	93044	28530	39400	81820		
Wick	075	71711	83031	90546	756++	39106	87635		
Cape Wrath	049	82313	81808	89044	874++	44216	88715		
Sule Skerry	010	82418	81818	88446	834++	42216	88915		
Lerwick	005	72222	74258	88144	734++	41224	84915	86635	
Stornoway	026	72602	66028	90041	747++	41217	87650		
Benbecula	022	73214	58818	90644	794++	41222	82712	85917	87629
Tiree	100	62710	74808	91045	39462	43218	83918	84070	
Aldergrove	917	41912	83031	95342	48500	38217	81820	83630	
Malin Head	980	42212	80258	93544	43500	41222	83920	84656	
Belmullet	976	62716	74808	95745	634++	39223	86918		
Birr	965	62003	80802	97041	585+2	39218	82822	85638	86073
Collinstown	969	72204	56258	96644	635+3	40208	82924	86645	87070
Rineanna	962	72605	80258	97942	594+3	42227	83922	85650	87070
Roches Point	952	52806	80018	98742	39443	39222	83918	84360	85068
Valentia	953	73209	80258	99046	795++	37225	87920		

OBSERVATIONS during DAY

Station	iii	$R_RT_TT_E$	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Kew	775	03532	012	+	rrtlRrr
London Airport	772	03541	001	ir_o	ir_otlR
Gatwick	776	97531	002	ir_o	ir_o
Thorney Island	871	96541	008	ir_o	ir_oirtl
Hurn	862	02551		pr_o	pr_opr
Guernsey	894	97541	001	+	d_or_o
Felixstowe	697	00521	018	+	+
Gorleston	497	00541	012	+	+
Mildenhall	578	00530	010	+	+
Cardington	559	07542	039	prpR	$prpr_o$
West Raynham	485	97511	004	+	ir_o
Wittering	462	01521	020	pr_o	pr_oprir_o
Boscombe Down	746	06521	001	pr_o	$prpr_o$
Ross-on-Wye	627	09521	004	pr_orr	irpR
Bristol	628	95531	000	pr_opr	pr_opr
Aberporth	502	05511	015	pr_opR_2h	pr_oprpr_o
Rhoose (Cardiff)	715	01511	004	pr_o	pr_o
Plymouth	827	01541	006	pr_o	pr_olpR
Chivenor	707	01541	010	pr_o	pr_o
St. Mawgan	817	06532	020	pr	pRl
Culdrose	809	01531	016	pr_opR	pr_o
Scilly	804	05531	041	pr	pR
Elmdon	534	05521	013	ir_opr_o	$prhpr_opr$
Shawbury	414	02511	022	pr_o	pr_oprpr
Manchester	334	01541	012	$pRpr_o$	pr_o
Squires Gate	318	03501	011	pr_opRpr	pr_opRpr
Valley	302	10521	016	pr	$prpr_oprhpR$
Ronaldsway	204	03521	027	pr_o	$pr_oprtlrrr_or_o$
Silloth	214	07502	006	pr_oprpr_o	pr_o
Watnall	354	07511	017	pr_o	prr_or_o
Spurn Head	396	97521	016	+	pr_o
Finningley	360	93511	035	+	pr_oir_o
Dishforth	261	92511	027	pr_o	pr_oprir_o
Tynemouth	262	01521	034	pr_o	pr_o
Eskdalemuir	162	05471	010	iRpRpr	$prpr_o$
Mull of Galloway	131	00492			
Prestwick	135	01481	006	$irpr_o$	pr_o
Renfrew	141	02471	004	pr_o	$prpr_o$
Leuchars	171	93481	026	$rrir_o$	pr_o
Dyce	091	94471	026	ir_o	pr_o
Wick	075	00471	021	+	+
Cape Wrath	049	06462		pr	pr
Sule Skerry	010	07502			
Lerwick	005	06472	002	pr_o	$prpRrrr_or_o$
Stornoway	026	03462	000	pr_o	pR
Benbecula	022	09471	000	pr_oprpR	$prpr_o$
Tiree	100	02491	000	$prpr_o$	pr_o
Aldergrove	917	91461	006	ir_o	+
Malin Head	980	9546	000		
Belmullet	976	0450	007		
Birr	965	9248	009		
Collinstown	969	9249	030		
Rineanna	962	0248	011		
Roches Point	952	0151	007		
Valentia	953	0349	001		

Code FM 21.A

OCEAN WEATHER STATION REPORTS at 12h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
A	50621	32912	52729	80158	95439	49430	00310	+++++	+++++	05428	12723
B	50565	51012	80740	37108	89336	873++	00871	88706	+++++	05235	10746
C	50528	35512	82528	59505	16145	873++	00803	86809	+++++	05242	12347
D	50440	41012	72018	69022	29858	74600	00105	87635	+++++	05247	12746
I	50590	19012	43216	98158	89548	49403	31117	81915	83820	05336	13236
J	50523	19712	63034	98258	00446	59533	00224	83920	83825	05541	17932
K	50449	15812	33030	80018	17155	32500	61227	83820	+++++	05245	13047
M	53659	01612	71630	65021	74248	15570	41620	81630	87358	00139	11745

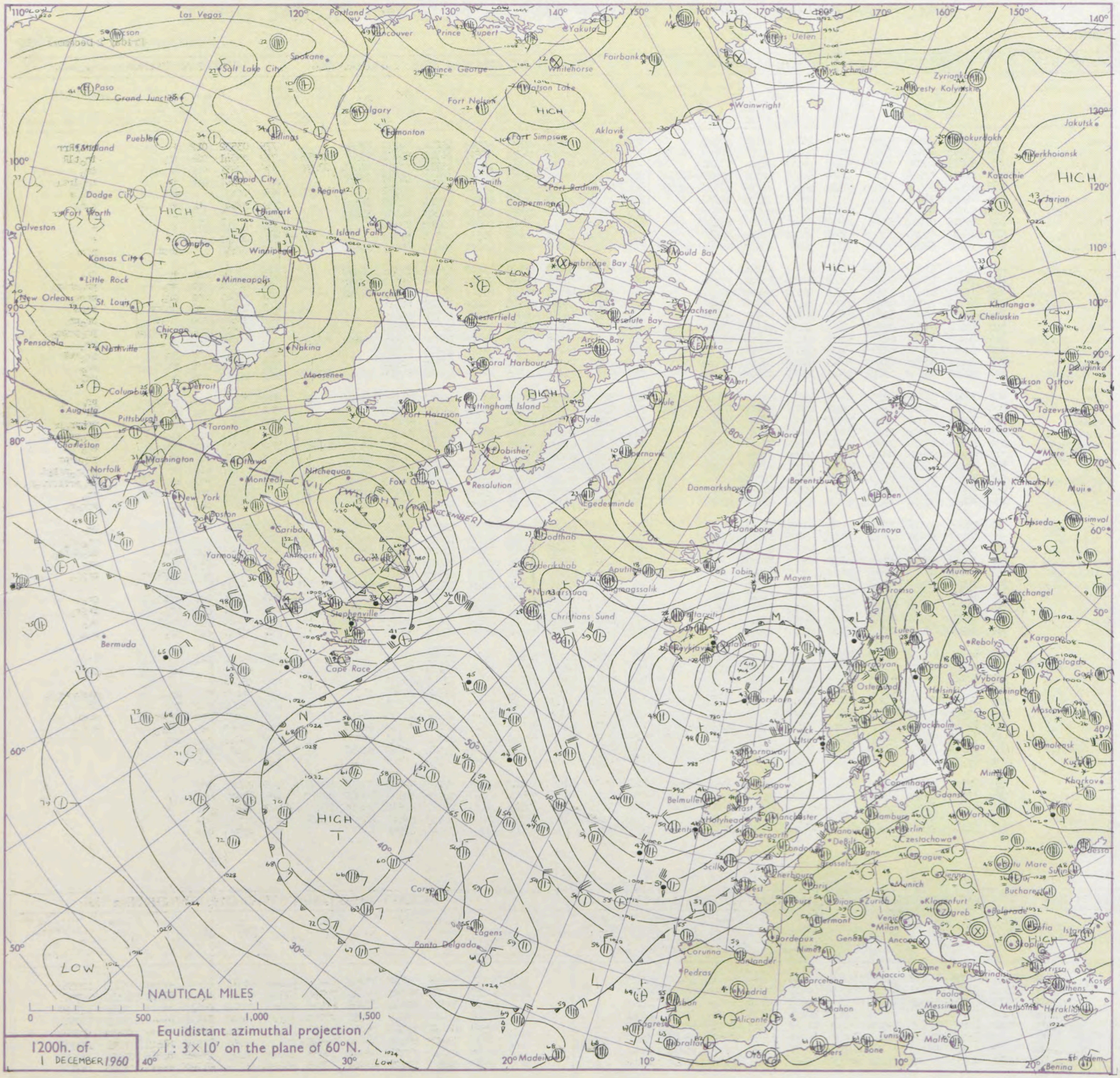
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
A	50621	32818	72332	75808	94439	794++	00511	+++++	+++++	05828	12336
B	50565	51018	82032	58616	75041	5732+	00559	85706	88510	00340	10757
C	50528	35518	82334	63506	10649	884++	00715	88612	+++++	00245	12349
D	50440	41018	72025	69022	27060	70970	00608	87358	+++++	00052	12257
I	50590	18818	33018	98010	94047	32501	00224	83825	+++++	05339	13334
J	50524	19918	63236	98022	09047	49405	00255	81918	84825	05241	18335
K	50448	16118	63028	80018	20455	32542	00225	83826	84365	05346	13235
M	53657	01718	61728	60802	70346	69400	41711	84910	+++++	05143	11746

All times of observation printed in this publication are GREENWICH MEAN TIME.

SIR GRAHAM SUTTON, C.B.E., D.Sc., F.R.S., Director General. Meteorological Office, Air Ministry, Kingsway, London, W.C.2

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



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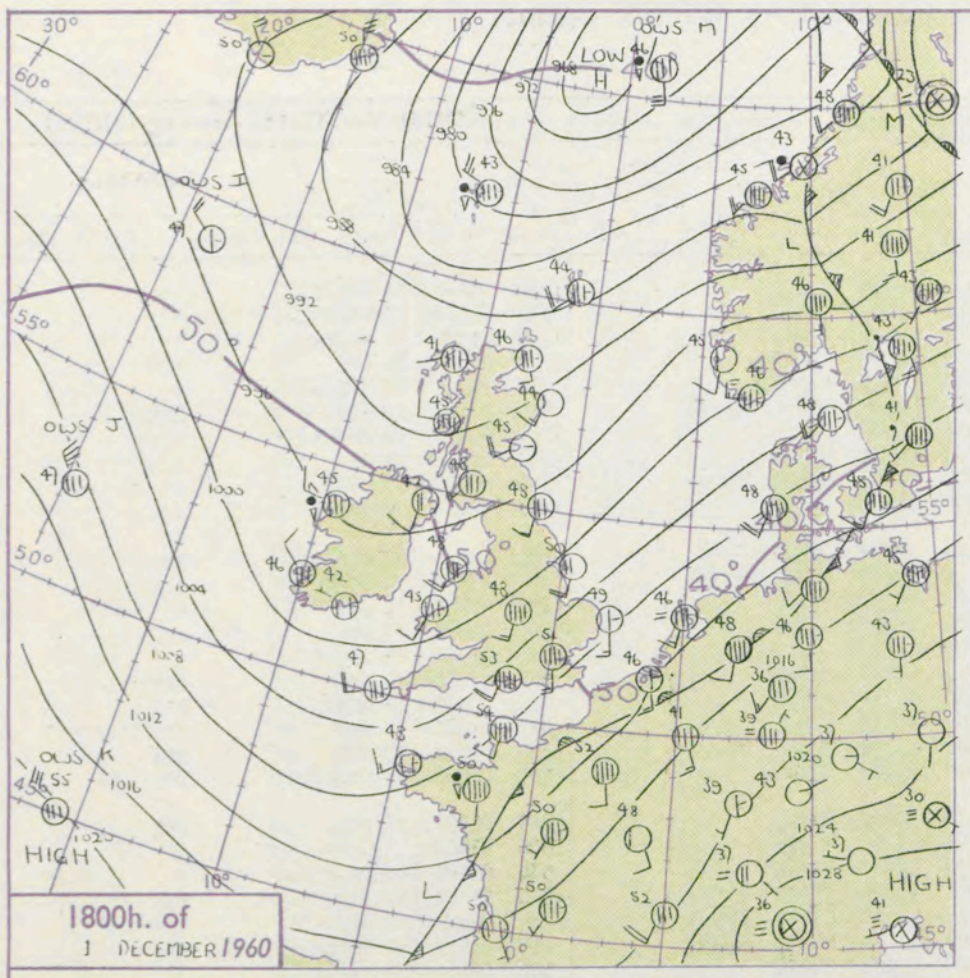

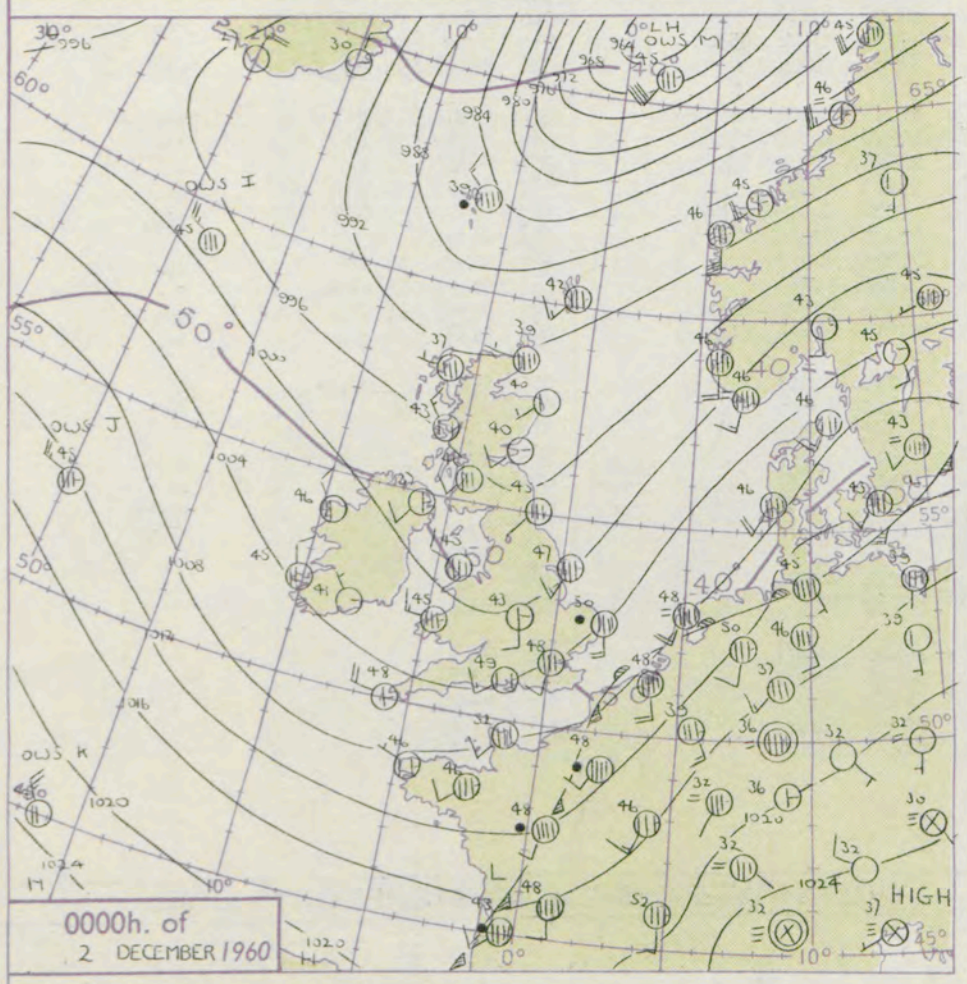

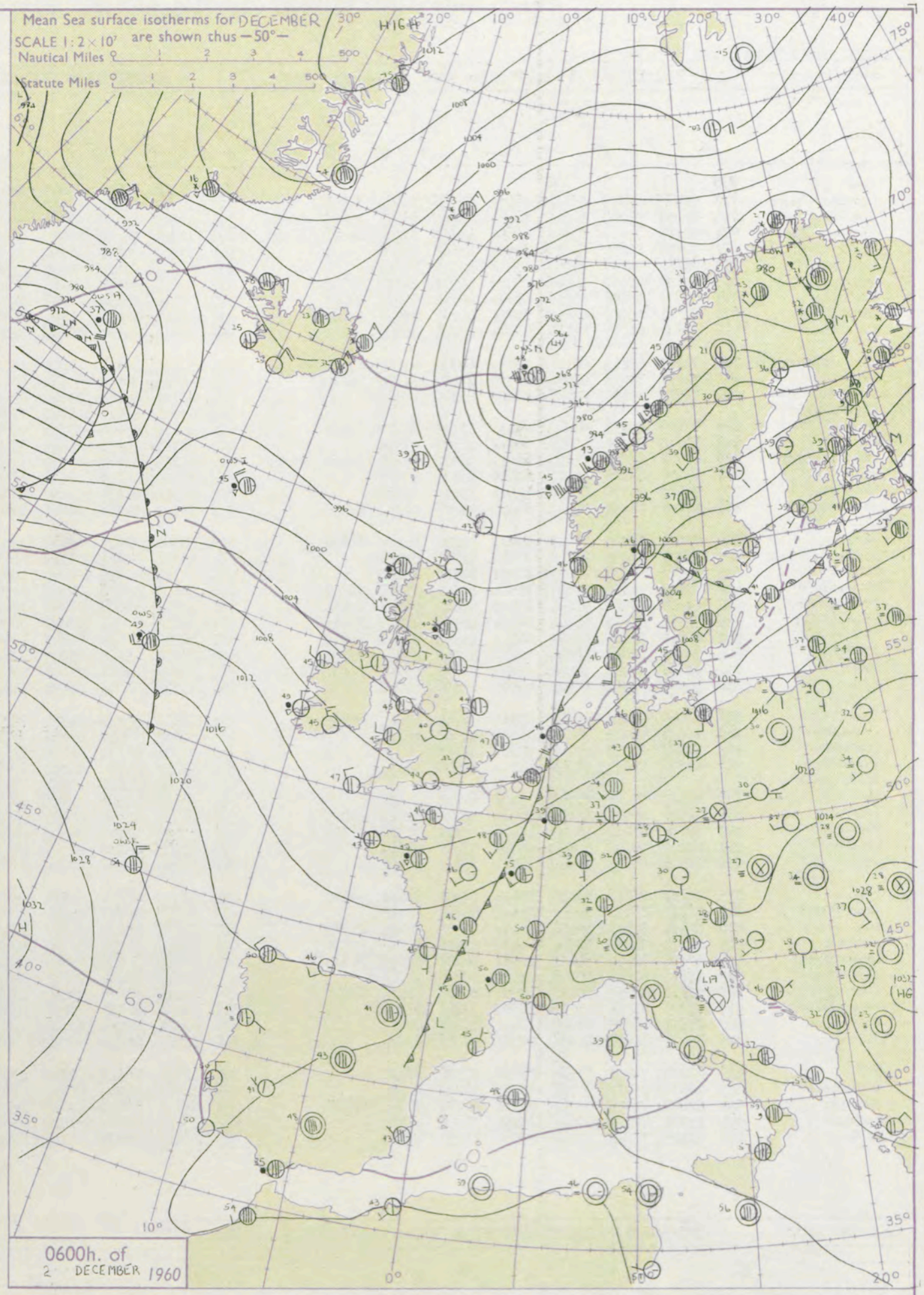

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Friday 2 December 1960

The depression near the Faeroes yesterday morning has moved away northeast over the Norwegian Sea and is now filling. The surface trough of low pressure which was crossing Britain yesterday has now moved east to the North Sea and has been followed by a weak ridge. An intense and deepening depression is moving northeast over the Denmark Strait and the warm front of this depression will cross the British Isles tonight, followed in northwest districts by the cold front later in the night.

FORECAST for Great Britain and Northern Ireland until noon tomorrow

Bright periods will occur this afternoon and the scattered showers, chiefly in east, will die out. A belt of rain and drizzle will reach Northern Ireland about dusk and cross Great Britain during the night. This rain belt will be followed over most of England and Wales by mainly cloudy weather and near average temperatures, but further north there will be more changeable weather.

OUTLOOK for the following 24 hours:-

Changeable weather with further rain or drizzle likely over British Isles, but some bright periods are likely, especially in north. Average temperatures.

Code FM 11.A

OBSERVATIONS at 00h. 2 December 1960

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775			48					
London Airport	772	71910	66019	03148	15538	44712	81625	87270	
Gatwick	776	82309	66258	04646	3242+	43605	83817	85824	88462
Thorney Island	871	52117	74019	04151	29562	45809	81820	83362	85072
Hurn	862	52416	80258	03349	39502	43609	82920	83070	
Guernsey	894	42521	82258	07050	33402	43501	83918		
Felixstowe	697	82410	40636	04947	6542+	46710	86617	88530	
Gorleston	497	81822	58606	04850	6557+	48714	86624	88360	
Mildenhall	578	82111	80028	03049	3581+	44706	83657	88462	
Cardington	559	51806	63018	02146	5097+	43712	85460		
West Raynham	485	72013	62216	02146	1552+	44710	81625	87462	
Wittering	462	52011	80018	01544	10938	41707	81362	85270	
Boscombe Down	746	31913	69258	02943	32400	41706	83818		
Ross-on-Wye									
Bristol	628	72415	56818	02847	794++	43502	82710	87918	
Aberporth	502	72814	74038	00945	724++	41318	87818		
Rhoose (Cardiff)	715	82712	62808	02244	894++	42307	82711	85918	88621
Plymouth	827	23106	68018	04447	22400	41224	82818		
Chivenor	707	72513	74808	02945	725++	43219	87825		
St. Mawgan	817	62716	74278	04347	53460	41222	85918	83360	
Culdrose	809	63021	69808	05647	434++	42226	84915	82818	
Scilly	804	32821	81168	05048	33500	43217	83923		
Elmdon	534	31808	62038	01043	20931	40705	82362		
Shawbury	414	71807	74808	99843	785++	41301	83825	86645	
Manchester	334	51912	66021	99244	35710	40602	83650	83462	
Squires Gate	318	72013	61028	98544	28536	42301	81820	85273	
Valley	302	63010	74028	99145	685++	43314	81820	86640	
Ronaldsway	204	72808	82019	98844	4253+	41217	84820	85360	
Silloth	214	61907	69018	97842	594++	40305	81712	84824	81920
Watnall	354	42308	56038	00545	45500	44505	84620		
Spurn Head	396	72013	59028	00747	25510	45704	82625	85458	
Finningley	360	10000	32028	00042	15500	42504	81625		
Dishforth	261	01807	26058	99041	00900	39102			
Tynemouth	262	62302	58031	98345	656++	40208	86635		
Eskdalemuir									
Mull of Galloway	131	22510	80011	97943	11409	41215	81818		
Prestwick	135	62410	74031	96846	684++	42212	82816	85825	
Renfrew	141	52604	82038	96442	48540	40312	81820	83635	
Leuchars	171	12408	56041	95440	15600	37213	81645		
Dyce	091	22406	80011	94440	15731	35210	81656		
Wick	075	82707	83218	93239	3561+	38320	83630	88460	
Cape Wrath	049	62313	83012	92345	686++	40214	86830		
Sule Skerry	010	62809	82018	90446	4247+	42207	84815	86360	
Lerwick	005	72314	74258	89742	68478	41306	82812	85625	
Stornoway	026	62706	82022	94237	29563	36222	82820	86070	
Benbecula	022	23016	82018	95746	29500	39225	82924		
Tiree	100	53213	80158	96443	2956+	38226	82920	83360	
Aldergrove	917	32210	74030	99137	16300	37221	81708		
Malin Head	980	73312	66808	97845	734++	41224	87918		
Belmullet	976	43211	80018	01746	49500	41245	84920		
Birr	965	22208	74031	01538	25600	37325	82630		
Collinstown	969	12611	69011	00337	15500	35221	81625		
Rineanna	962	62608	74808	02642	634++	41223	83920	86640	
Roches Point	952	13207	80011	03641	18500	38226	81822		
Valentia	953	43309	75258	05145	49500	41232	84924		

OBSERVATIONS at 06h. 2 December 1960

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775	12108	70016	05844	156++	40225	81635		
London Airport	772	12307	82028	06342	10941	39223	81360		
Gatwick	776	42505	69038	07140	38501	37226	82820		
Thorney Island	871	12703	74028	07844	11532	41226	81825		
Hurn	862	12505	74021	07740	12531	37325	81820		
Guernsey	894	42807	82018	09746	23462	42115	82916	83705	
Felixstowe	697	02616	61018	05245	00900	43316			
Gorleston	497	72110	62036	03647	755++	44502	87625		
Mildenhall	578	52411	74012	04144	55600	41322	82625	85640	
Cardington	559	32313	59011	04643	35600	41226	83630		
West Raynham	485	62516	62018	02643	65600	41307	86640		
Wittering	462	52715	74038	03942	585++	39227	81820	85625	
Boscombe Down	746	22307	66011	07540	25600	38327	82630		
Ross-on-Wye	627	11906	81028	05742	11500	38230	81825		
Bristol	628	02707	58018	07743	00900	41349			
Aberporth	502	42711	74031	05845	32460	41221	83818		
Rhoose (Cardiff)	715	13205	83018	06940	12500	38125	81820		
Plymouth	827	10000	66258	08342	18501	40218	81820		
Chivenor	707	62312	81028	07246	58502	42222	84825	83075	
St. Mawgan	817	43309	80258	08446	49560	39223	84920		
Culdrose	809	33304	82018	09140	39400	38222	81915		
Scilly	804	43111	83031	09547	42400	43226	84818		
Elmdon	534	12312	62018	04840	10930	38230	81362		
Shawbury	414	52605	80038	04140	33560	37228	81925	83359	
Manchester	334	72409	58808	02942	784++	41328	83814	87640	
Squires Gate	318	62811	80038	02047	38563	41222	82822	84068	
Valley	302	42912	80030	03845	42400	43223	84818		
Ronaldsway	204	73012	82258	03045	724++	41223	87818		
Silloth	214	52607	74031	01143	2853+	40321	81822	85360	
Watnall	354	52708	56018	03040	555++	39222	85625		
Spurn Head	396	52510	57256	01344	53400	44213	82915	84620	
Finningley	360	62607	56016	02143	45730	40320	81630	84656	
Dishforth	261	72504	48101	01240	65632	40215	86640	85362	
Tynemouth	262	52607	66022	00142	5097+	37213	85358		
Eskdalemuir	162	72104	74602	01037	4543+	37214	84615	86358	
Mull of Galloway	131	73216	74908	02143	794++	41224	87918		
Prestwick	135	20904	82018	00844	28541	41225	82823		
Renfrew	141	10000	82018	00339	15600	36226	81635		
Leuchars	171	73007	66808	98140	685+2	39321	83822	86640	
Dyce	091	62804	80258	98040	5853+	37219	81825	85635	
Wick	075	12309	86012	96837	18400	34219	81818		
Cape Wrath	049	32709	86011	95243	32500	41217	83825		
Sule Skerry	010	43209	85028	94745	435++	40222	84925		
Lerwick	005	12917	82258	92042	12400	37217	81815		
Stornoway	026	62809	74808	97842	694++	36219	86918		
Benbecula	022	72712	59888	99241	794++	39214	83716	87922	
Tiree	100	12709	86258	00440	19463	37218	81915		
Aldergrove	917	22509	74011	03139	19401	37221	81918		
Malin Head	980	62916	80028	02146	635++	40215	86920		
Belmullet	976	42911	80258	06545	43500	40219	84920		
Birr	965	12506	80028	07539	15500	37233	81628		
Collinstown	969	12711	74020	05737	15500	35235	81625		
Rineanna	962	32706	80030	09040	39500	38232	83923		
Roches Point	952	13216	80020	09245	18500	39230	81820		
Valentia	953	33411	75808	11049	39500	41227	83824		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Kew	775	01121	31	tlRpr	+
London Airport	772	01381	31	tlrlRpro	+
Gatwick	776	05371	31	RRprpro	+
Thorney Island	871	03431	35	pro	+
Hurn	862	95381	29	pRpro	+
Guernsey	894	01441	37	pr	prpro
Felixstowe	697	03432	38	rrlRpr	+
Gorleston	497	02412	39	lr	+
Mildenhall	578	03441	37	pRlr	+
Cardington	559	95412	38	pro	+
West Raynham	485	02401	37	rorolro	pro
Wittering	462	01391	36	lropropR	+
Boscombe Down	746	96361	31	pro	+
Ross-on-Wye	627	95401	35	pr	+
Bristol	628	01371	29	propr	+
Aberporth	502	01431	40	pro	pro
Rhoose (Cardiff)	715	03401	31	pRpro	pro
Plymouth	827	01381	30	pro	profpro
Chivenor	707	03441	39	pro	pro
St. Mawgan	817	01452	39	proprh	pro
Culdrose	809	02391	33	pro	pro
Scilly	804	91461		+	pro
Elmdon	534	01381	34	pro	+
Shawbury	414	91371	29	pro	pro
Manchester	334	04412	36	pro	iropropr
Squires Gate	318	01431	40	propr	pr
Valley	302	00441	38	+	+
Ronaldsway	204	02441	39	rororrRR	pro
Silloth	214	04392	37	pro	+
Watnall	354	01391	34	roropro	pro
Spurn Head	396	92431		pro	pro
Finningley	360	92401	35	+	iro
Dishforth	261	00381	32	+	+
Tynemouth	262	00411	34	+	+
Eskdalemuir	162	91341	29	+	iro
Mull of Galloway	131	03342			
Prestwick	135	92401	38	pr	pro
Renfrew	141	01351	29	prpro	+
Leuchars	171	92351	31	+	pro
Dyce	091	91341	30	+	pro
Wick	075	95351	30	proiro	+
Cape Wrath	049	96412	38	+	pr
Sule Skerry	010				
Lerwick	005	02401	37	rrRRpr	pro
Stornoway	026	03332	28	pro	pr
Benbecula	022	04401	34	pro	prpRH
Tiree	100	03401	33	propR	propr
Aldergrove	917	93361	29	+	+
Malin Head	980	03421	38		
Belmullet	976	94441	39		
Birr	965	97371	33		
Collinstown	969	97361	32		
Rineanna	962	01391	36		
Roches Point	952	97401	35		
Valentia	953	03411	36		

Code FM 21.A

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_dP_wP_wH_wH_w$
A	60620	33000	82326	75808	93039	894++	51304	+++++	+++++	05734	12336
B	60565	51000	72343	65026	76938	755++	00207	87625	+++++	00030	12149
C	60528	35500	82333	65025	07549	6542+	00727	86616	88458	00147	12349
D	60440	41000	52024	69022	27561	25550	00802	82625	+++++	00154	12047
I	60590	18600	63023	97258	98745	69503	00015	86920	+++++	05540	13147
J	60524	20000	72926	98022	13648	2853+	71110	82825	87358	05339	18033
K	60448	16300	43126	80028	23454	48500	71109	83823	+++++	05346	13145
M	63656	01700	72038	65258	67945	794++	41804	87910	+++++	05341	16843

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_dP_wP_wH_wH_w$
A	60621	32906	81532	70618	80237	4742+	00792	84711	+++++	05834	11536
B	60565	51006	82044	63718	70334	874++	00752	88710	+++++	05431	17232
C	60528	35506	82335	69618	04550	2742+	00612	82810	88457	00246	12449
D	60440	41006	82024	69022	27051	865++	00805	88720	+++++	00156	12147
I	60590	18406	73022	96808	98245	794++	00707	87918	+++++	05638	13147
J	60525	20106	82418	95586	11549	673++	00820	86708	88625	05148	12535
K	60448	16406	73420	80031	25954	4853+	12214	82825	83640	05346	13145
M	63654	01506	62430	70802	69148	79400	42305	85910	+++++	05346	17344

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H.M.S.O. Press, M.O. Dunstable.

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 36171

Date of Issue Saturday 3 December 1960

Code FM 11.A

OBSERVATIONS at 12h. 2 December 1960

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775	12107	63020	11248	18440	38321	81815		
London Airport	772	12410	74020	11148	10980	40121	81362		
Gatwick	776	12611	74020	11149	12533	40220	81825		
Thorney Island	871	12406	69020	12350	19503	44118	81925		
Hurn	862	12407	69010	12050	18530	43017	81828		
Guernsey	894	22808	83012	14450	22503	41220	82820	81925	
Felixstowe	697	12812	58020	10448	11500	42126	81820		
Gorleston	497	12511	62011	08846	11540	41217	81825		
Mildenhall	578	12612	69021	09448	1553+	41124	81625		
Cardington	559	12412	56040	09847	10983	40115	81358		
West Raynham	485	22615	66011	08445	11430	39127	81815		
Wittering	462	12712	66020	08947	13661	40120	81930		
Boscombe Down	746	52606	69031	11848	58400	42616	82818	85635	
Ross-on-Wye	627	12607	81028	10649	11601	39218	81830		
Bristol	628	12411	59018	11547	11400	44120	81818		
Aberporth	502	22917	87018	11448	22501	43120	82820		
Rhoose (Cardiff)	715	23110	66028	12047	22500	43223	82820		
Plymouth	827	12908	66018	13850	12500	44222	81822		
Chivenor	707	33011	82022	12749	31500	43226	83828		
St. Mawgan	817	33013	85028	14249	32500	42225	83820		
Culdrose	809	53410	83021	14549	52500	43126	85820		
Scilly	804	33211	83018	15753	31400	46339	83816		
Elmdon	534	12412	56020	09745	18562	40120	81825		
Shawbury	414	22711	83018	09647	29563	40121	81920		
Manchester	334	22208	32018	08244	29430	42120	81915		
Squires Gate	318	82914	66168	07450	29463	42120	82918		
Valley	302	42912	82030	09549	32502	45120	82820		
Ronaldsway	204	32715	82031	07749	32402	43115	83818		
Silloth	214	62412	80022	05745	39503	38114	81920	83070	
Watnall	354	62912	61032	08544	69563	41223	84825	83365	82925
Spurn Head	396	52615	32031	06345	34502	43225	83625		
Finningley	360	32711	40011	07146	11533	41219	81825	83070	
Dishforth	261	12909	82011	05848	19533	38118	81920		
Tynemouth	262	22711	58011	04844	25600	37224	82635		
Eskdalemuir	162	72406	80028	05743	58430	38116	83819	85634	
Mull of Galloway	131	42912	80021	06246	33440	42215	83918	83360	
Prestwick	135	32512	82028	04447	33540	41110	82920		
Renfrew	141	32208	40041	03846	39500	40008	81920	83822	
Leuchars	171	12509	83028	02543	18500	37114	81825		
Dyce	091	12707	82020	01343	15700	34209	81656		
Wick	075	42610	85018	99840	49400	38110	82915	83630	
Cape Wrath	049	42305	83028	98941	43500	39211	84925		
Sule Skerry	010	83205	82818	98343	864++	36321	88715		
Lerwick	005	22818	81020	96141	25501	33218	82625		
Stornoway	026	32108	83038	00441	39500	38108	83925		
Benbecula	022	62514	83158	01247	39533	38104	82925	84358	
Tiree	100	42506	82146	03048	19436	40110	81715	83362	81920
Aldergrove	917	32309	74018	07342	18535	40114	81820		
Malin Head	980	72309	80258	05247	735++	43003	84920	87656	
Belmullet	976	72615	80028	08549	785++	43006	82820	87656	
Birr	965	72306	82031	10746	756++	41107	87642		
Collinstown	969	12712	78030	09644	18430	39010	81818		
Rineanna	962	72712	82028	12148	2353+	43111	82923	87360	
Roches Point	952	72712	80031	13447	18531	42012	81821	87358	
Valentia	953	62913	75258	14050	655++	44114	85922	86640	

OBSERVATIONS at 18h. 2 December 1960

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775	02105	30051	14145	00900	41116			
London Airport	772	02108	61021	14141	00900	40220			
Gatwick	776	01904	66011	14540	00900	37119			
Thorney Island	871	02705	56021	15344	00900	41220			
Hurn	862	02105	17041	15442	00900	39219			
Guernsey	894	13008	81258	18048	12400	43219	81818		
Felixstowe	697	32710	56030	13345	38600	41222	81830	83656	
Gorleston	497	12308	60011	11944	10970	40220	81360		
Mildenhall	578	12308	59021	12342	10930	38113	81358		
Cardington	559	02411	60010	12940	00900	39217			
West Raynham	485	12511	48010	11640	10930	38215	81360		
Wittering	462	02407	40011	12141	00900	38216			
Boscombe Down	746	12306	61012	15339	00901	37215	81080		
Ross-on-Wye	627	22107	77020	13442	10931	37214	81360		
Bristol	628	22308	48030	14441	11501	39213	81820		
Aberporth	502	72213	82258	13145	52461	41309	85822		
Rhoose (Cardiff)	715	12810	74030	14446	12530	40110	81820		
Plymouth	827	10000	58020	16947	12430	43217	81818		
Chivenor	707	42511	82031	15347	42531	41212	84822		
St. Mawgan	817	22310	74258	16646	22460	41209	82818		
Culdrose	809	32808	81021	17047	22542	43212	82823		
Scilly	804	42714	81020	17050	48400	45208	84816		
Elmdon	534	12311	17040	12841	00901	37218	81068		
Shawbury	414	52108	83038	11642	15651	38211	81630	84362	
Manchester	334	32212	61031	10642	11560	38210	81820	83358	
Squires Gate	318	72415	66038	09047	6853+	43206	82822	85630	
Valley	302	72521	74031	09849	4857+	45701	82825	83635	87360
Ronaldsway	204	72519	80031	08148	6243+	43703	86817	87358	
Silloth	214	72411	66031	06547	3847+	42000	81816	84358	87362
Watnall	354	02808	28011	11142	00900	39215			
Spurn Head	396	22411	32031	09444	20930	42216	82358		
Finningley	360	12608	48041	10544	15600	39216	81640		
Dishforth	261	42509	74011	08643	38501	38313	81820	83630	
Tynemouth	262	02507	48020	06544	00900	37209			
Eskdalemuir	162	52110	81028	06440	54400	39005	85616		
Mull of Galloway	131	72520	80032	06046	4557+	42804	84620	86360	
Prestwick	135	72314	70028	03847	7856+	42703	86821	86650	
Renfrew	141	82109	40218	03244	834++	42706	83718	85922	88640
Leuchars	171	72409	66031	02439	15755	35805	81650	84360	
Dyce	091	30000	74030	02037	15730	32702	81656	83360	
Wick	075	12010	83028	99139	10930	34712	81359		
Cape Wrath	049	62309	83818	96840	685++	40711	86825		
Sule Skerry	010	72309	82038	96445	734++	40718	87915		
Lerwick	005	22410	82010	96638	24500	32801	82625		
Stornoway	026	71913	74108	96043	39502	39730	82920	87075	
Benbecula	022	82118	62618	96745	5542+	42728	85618	88460	
Tiree	100	82413	71628	99644	8472+	42818	82625	88550	
Aldergrove	917	82115	66021	05544	3567+	42710	83635	84650	88458
Malin Head	980	82316	66608	02745	5657+	43716	85720	88459	
Belmullet	976	82125	58588	03149	872++	48735	83704	86707	88710
Birr	965	82006	58618	09045	3742+	43811	83716	88460	
Collinstown	969	82414	74032	08846	5567+	41704	85635	88458	
Rineanna	962	82013	66618	09646	864++	44814	84719	88640	
Roches Point	952	82309	66022	12547	4852+	43805	81821	84650	88458
Valentia	953	82512	48618	11650	864++	48717	88715		

OBSERVATIONS during DAY

Station	iii	RRT_xT_xE	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Kew	775	97491	059	+	+
London Airport	772	00491	063	+	+
Gatwick	776	00511	062	+	+
Thorney Island	871	00521	062	+	+
Hurn	862	00521		+	+
Guernsey	894	97521	056	pr_o	pr_o
Felixstowe	697	00491	070	+	+
Gorleston	497	00481	053	+	+
Mildenhall	578	00491	059	+	+
Cardington	559	00481	054	+	+
West Raynham	485	00461	021	+	+
Wittering	462	00471	068	+	+
Boscombe Down	746	00491	064	+	+
Ross-on-Wye	627	97511	065	pr_o	+
Bristol	628	91491	055	pr_o	pr_o
Aberporth	502	97491	052	+	pr_oir_o
Rhoose (Cardiff)	715	04481	058	pr_o	+
Plymouth	827	00511	062	+	+
Chivenor	707	00511	050	+	+
St. Mawgan	817	91501	054	+	pr_o
Culdrose	809	00511	076	+	+
Scilly	804	97531	054	pr_o	pr_o
Elmdon	534	00481	066	+	+
Shawbury	414	97501	045	pr_o	pr_o
Manchester	334	03481	033	$prpr_o$	+
Squires Gate	318	02501	049	$prhr_or_o$	pr_opR
Valley	302	92501	052	+	ir_o
Ronaldsway	204	02501	037	+	rrRRrr
Silloth	214	97472	036	+	pr_o
Watnall	354	00471	038	+	+
Spurn Head	396	00470	044	+	+
Finningley	360	00481	024	+	+
Dishforth	261	00491	052	+	+
Tynemouth	262	00451	037	+	+
Eskdalemuir	162	03451	034	pr	r_or_o
Mull of Galloway	131	02482			
Prestwick	135	02491	034	pr_o	prrr
Renfrew	141	03492	036	pr_o	$pr_oRRr_or_o$
Leuchars	171	04451	060	+	d_or_o
Dyce	091	00451	059	+	+
Wick	075	91431	041	pr_o	+
Cape Wrath	049	05462		pr	pr
Sule Skerry	010	05462			
Lerwick	005	97421	033	+	pr_o
Stornoway	026	03452	036	pr_o	pr_oir_orr
Benbecula	022	10472	021	$pr_oh_opRHpr_o$	$prrrr_or_oRR$
Tiree	100	05481	016	pr_o	irr_or_orr
Aldergrove	917	02452	013	pr_o	$ir_orrr_or_o$
Malin Head	980	0549	005		
Belmullet	976	0351	002		
Birr	965	0148	028		
Collinstown	969	0747	048		
Rineanna	962	9649	007		
Roches Point	952	0050	026		
Valentia	953	0251	009		

Code FM 21.A

OCEAN WEATHER STATION REPORTS at 12h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_PH_ww$
A	60622	33112	82132	75156	66041	6931+	00740	+++++	+++++	05632	12147
B	60565	51012	42725	63877	87437	32430	002101	83815	+++++	05129	17566
C	60528	35512	82038	65156	07846	42508	00215	84819	883++	05238	12249
D	60440	41012	72022	69022	26362	756++	00000	87635	+++++	00255	12147
I	60590	19012	81925	96636	89446	7742+	62872	87710	38520	05543	12045
J	60524	20112	82425	94505	11052	874++	00702	88710	+++++	05051	12545
K	60448	16112	73120	80258	29055	5854+	71211	83823	85643	05250	13146
M	63654	01012	73030	65168	74145	79400	51230	82910	85815	05341	12833

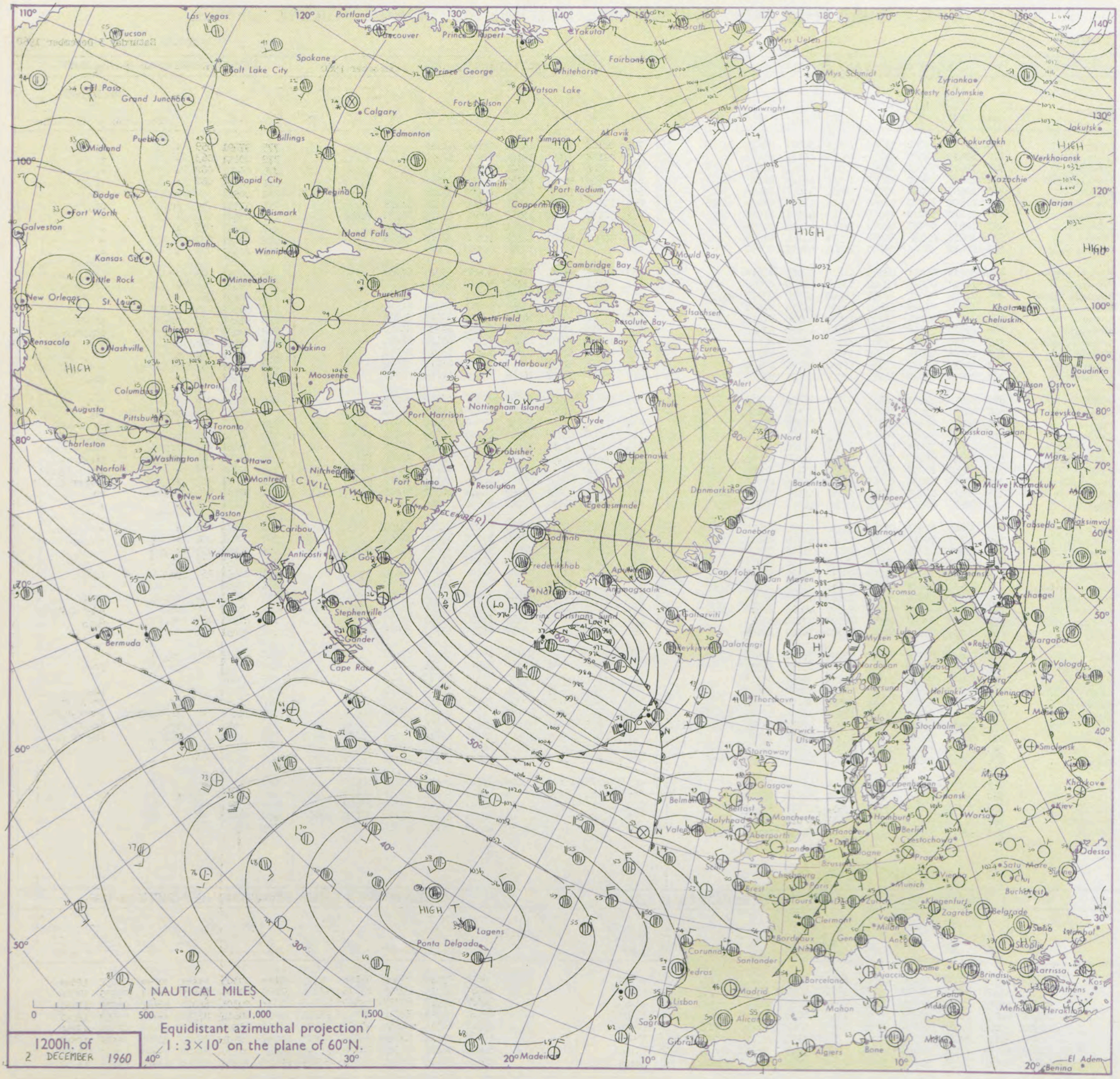
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_PH_ww$
A	60622	33218	73504	85168	62039	794++	00305	+++++	+++++	00232	100++
B	60565	51018	62735	63878	93736	62400	00003	86815	+++++	05230	17564
C	60528	35518	82733	65022	07446	885++	00305	86820	88645	05239	17151
D	60440	41018	72028	69022	23263	70970	00614	87358	+++++	00358	12047
I	60588	19318	62840	97028	83946	38432	61304	+++++	+++++	05539	17850
J	60526	19818	82630	94616	07853	6732+	00501	86706	88520	05152	17650
K	60449	16418	33120	70018	28855	28541	00309	81820	+++++	05150	13245
M	63654	00718	63036	70802	80143	69400	71232	81910	+++++	05436	13349

All times of observation printed in this publication are GREENWICH MEAN TIME.

SIR GRAHAM SUTTON, C.B.E., D.Sc., F.R.S., Director General. Meteorological Office, Air Ministry, Kingsway, London, W.C.2

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



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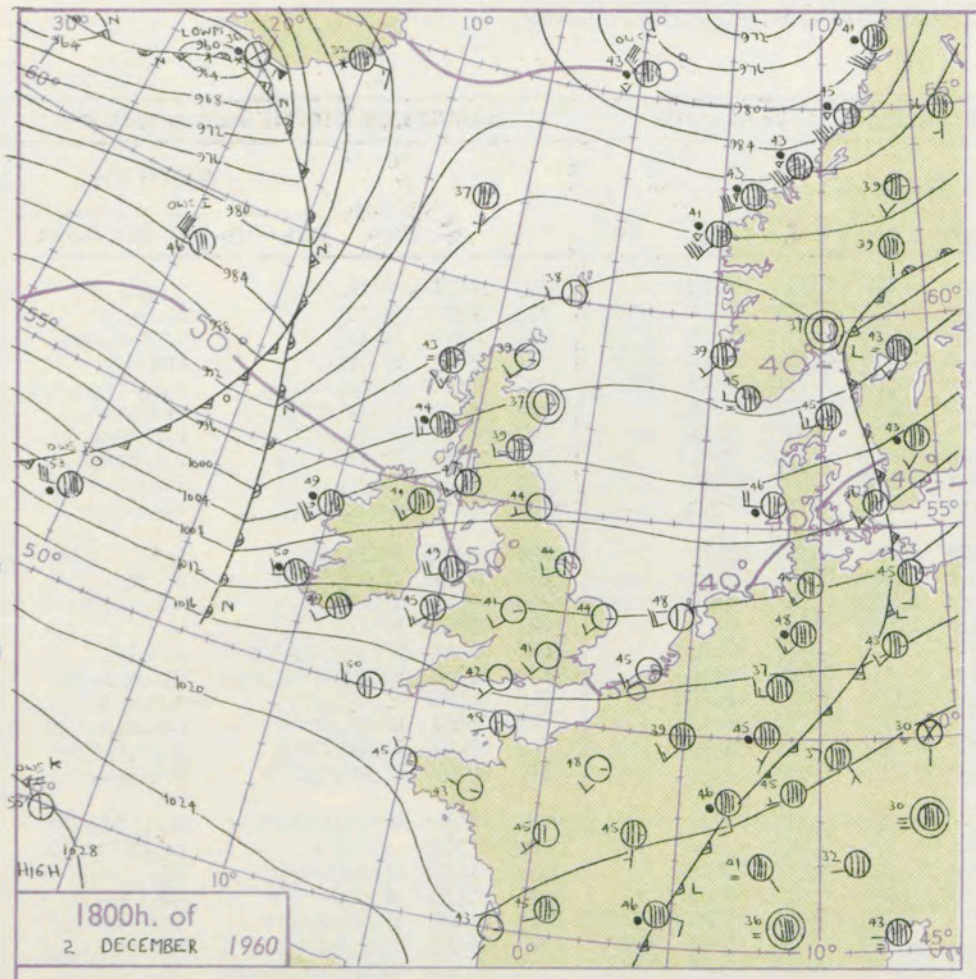

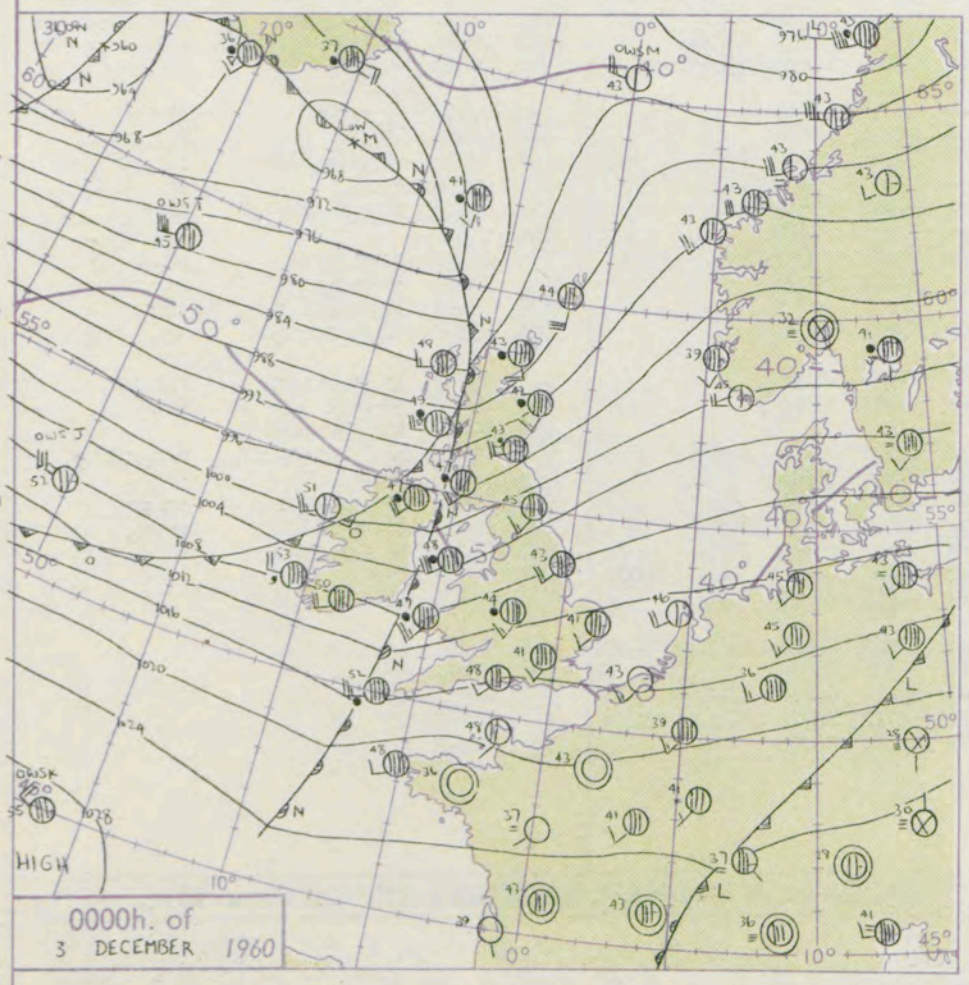

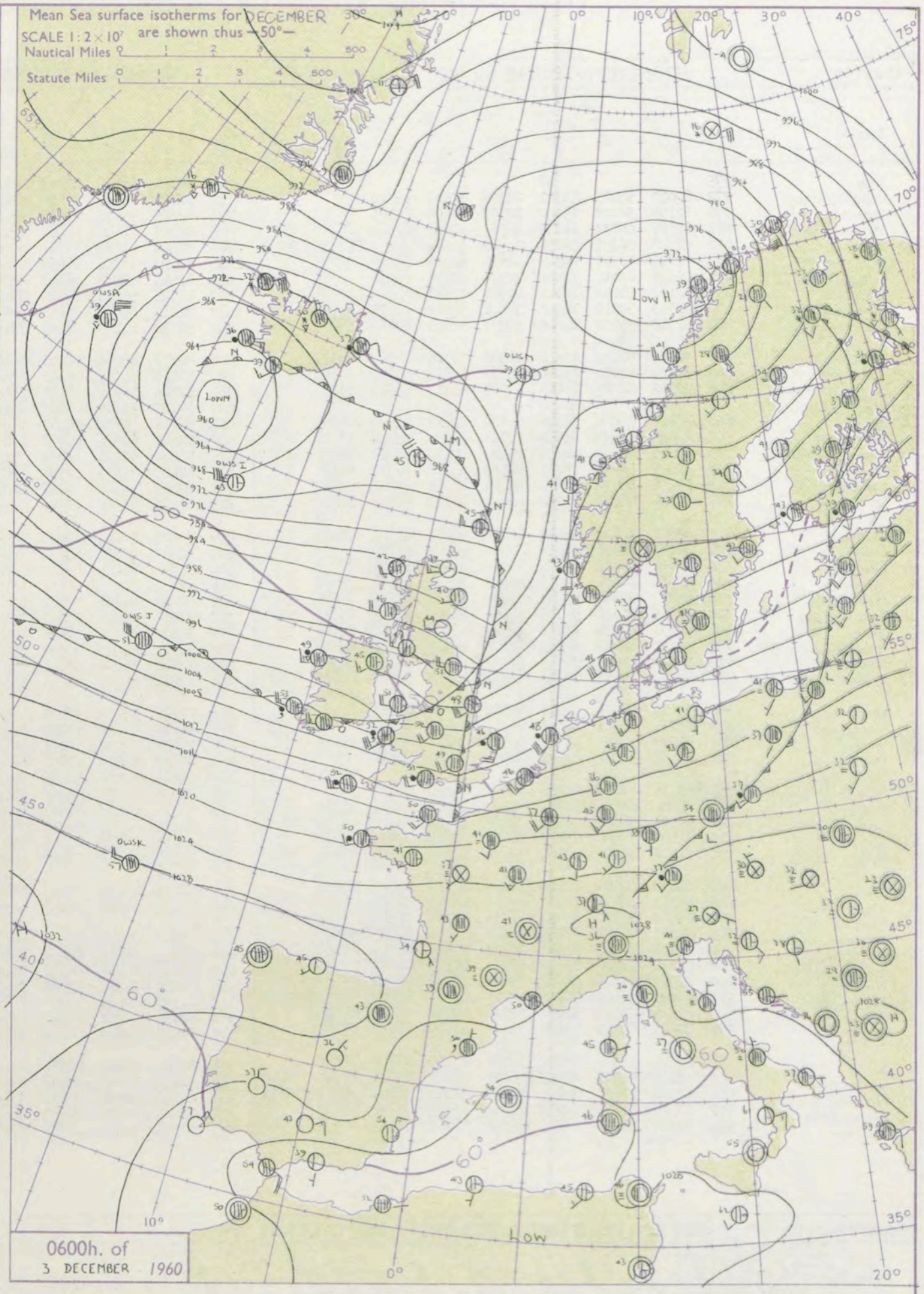

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Saturday 3 December 1960

The depression to the southwest of Iceland yesterday morning has moved east and the frontal system has now crossed much of the British Isles, although the cold front is moving only slowly south across southern England and South Wales with shallow disturbances moving from west to east along the front. The Iceland depression will move toward the Faeroes and troughs of low pressure will cross the British Isles in the strong westerly air stream.

FORECAST for Great Britain and Northern Ireland until noon tomorrow

Rather stormy weather will continue throughout the periods with strong to gale force winds. Periods of rain and drizzle will occur over southern districts of England and South Wales. In other areas the weather will be showery with hail and thunder in places and with snow showers tomorrow over high ground in the north. Temperatures about average today; a little colder tomorrow.

OUTLOOK for the next 24 hours.

Further showers or periods of rain, with snow showers over high ground in the north. Rather cold generally though winds may be strong enough to prevent frost at night.

Code FM 11.A

OBSERVATIONS at 00h. 3 December 1960

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sC_sh_s$	$8N_sC_sh_s$	$8N_sC_sh_s$
Kew	775			43					
London Airport	772	82010	58021	14341	00907	39808	88270		
Gatwick	776	82108	58021	15440	00907	38806	88275		
Thorney Island	871	82307	66031	16147	10937	43804	81362	88270	
Hurn	862	72208	74031	15448	11506	42809	81828	83075	87820
Guernsey	894	52214	83031	20349	22535	44002	82825	84275	
Felixstowe	697	22615	23011	13444	20970	42809	82358		
Gorleston	497	72112	58031	12141	40957	39813	84360	87275	
Mildenhall	578	62313	59011	11543	00906	38814	83272	83075	
Cardington	559	82318	58032	11645	30937	40819	83360	88275	
West Raynham	485	32416	56030	10640	10932	37716	81359	83070	
Wittering	462	82314	48031	09843	8097+	40828	83358	88464	
Boscombe Down	746	82012	62031	14443	60977	41713	86365	88272	
Ross-on-Wye									
Bristol	628	82115	58606	12946	6567+	43715	86640	88358	
Aberporth	502	82025	56636	08047	3732+	45836	83708	83714	88524
Rhoose (Cardiff)	715	82415	74616	12648	454++	42815	84712	86620	88640
Plymouth	827	82523	58606	15751	855++	44712	82712	88624	
Chivenor	707	82418	66636	13649	4542+	46716	84614	88540	
St. Mawgan	817	82216	66618	15048	6542+	46717	86613	88460	
Culdrose	809	82521	78608	15950	6531+	46713	86608	88455	
Scilly	804	82423	66608	16251	864++	49714	88710		
Elmdon	534	82014	58631	09644	2551+	42828	82625	88458	
Shawbury	414	82014	80212	07446	6552+	39732	86622	88458	
Manchester	334	81919	59616	05644	7557+	41836	82620	87629	88458
Squires Gate	318	82119	40618	03346	554++	43740	81713	85718	88624
Valley	302	82332	40636	03348	463++	48750	84708	88709	
Ronaldsway	204	82233	48636	00049	6642+	47760	86710	88530	
Silloth	214	82316	48618	97346	6732+	44871	84707	88558	
Watnall	354	82415	40616	07942	5557+	41730	82712	85620	88460
Spurn Head	396	72318	48031	08443	70910	39718	87458		
Finningley	360	82216	56021	06144	8092+	40832	88458		
Dishforth	261	82020	48601	03345	6552+	40840	86620	88458	
Tynemouth	262	82117	66022	00245	8092+	38744	88458		
Eskdalemuir									
Mull of Galloway	131	82336	70636	96748	874++	46759	88715		
Prestwick	135	82020	60618	94347	374++	45865	83711	85714	88721
Renfrew	141	82124	56636	93345	3742+	44868	83710	85714	88521
Leuchars	171	82420	58506	93843	3742+	39757	83715	88458	
Dyce	091	81916	58656	92242	5747+	40860	85714	86630	88458
Wick	075	81622	62636	87143	454++	38770	84615	88630	
Cape Wrath	049	82313	74636	80742	865++	40793	88720		
Sule Skerry	010	81530	66636	83044	864++	41781	88710		
Lerwick	005	61828	74028	87044	634++	37760	84915	85630	
Stornoway	026	72613	74216	82948	2243+	43674	82815	87358	
Benbecula	022	62728	69808	85448	694++	44512	86919		
Tiree	100	72522	61808	88549	794++	49643	87916		
Aldergrove	917	82120	58606	96547	462++	47745	82704	84705	88707
Malin Head	980	82523	61616	92950	873++	49631	85706	88712	
Belmullet	976	72524	69215	98551	754++	49516	83713	87635	
Birr	965	82318	59606	03050	5742+	49733	85714	88458	
Collinstown	969	82424	61586	00348	862++	46753	82705	84706	88709
Rineanna	962	82524	32536	04552	872++	51822	82704	86707	88711
Roches Point	952	82520	66216	07950	873++	49723	85707	88713	
Valentia	953	82720	56506	08853	863++	51711	88706		

OBSERVATIONS at 06h. 3 December 1960

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sC_sh_s$	$8N_sC_sh_s$	$8N_sC_sh_s$
Kew	775	82120	69606	07049	374++	45742	83710	88712	
London Airport	772	82222	74216	07649	6542+	44738	81711	86616	88556
Gatwick	776	82325	59616	08949	4542+	46735	84712	87616	88524
Thorney Island	871	82319	61586	11151	4742+	49727	84714	87717	88556
Hurn	862	82420	62618	09951	6742+	49734	82710	86715	88540
Guernsey	894	82422	70216	16850	554++	48714	85711	88618	
Felixstowe	697	82525	48616	06347	6552+	44743	86625	88540	
Gorleston	497	81925	56636	04846	7642+	44742	87710	88530	
Mildenhall	578	82213	66026	03149	454++	45742	84619	88624	
Cardington	559	82330	69206	03449	774++	45746	87716	88625	
West Raynham	485	82329	66616	00843	4642+	42851	84714	88530	
Wittering	462	82418	74016	01149	6542+	45640	86618	88464	
Boscombe Down	746	82225	56506	08449	454++	47736	84710	88618	
Ross-on-Wye	627	82320	77026	03952	864++	48525	88715		
Bristol	628	82321	40586	06450	573++	47734	85707	88622	
Aberporth	502	82328	63586	03852	473++	50514	84707	88714	
Rhoose (Cardiff)	715	82628	62026	06851	754++	49732	87712	88625	
Plymouth	827	82425	33586	11951	6732+	50720	86707	88512	
Chivenor	707	82527	48616	09752	4632+	52718	84709	88515	
St. Mawgan	817	82425	48586	11351	871++	51719	88702		
Culdrose	809	82628	28636	12751	472++	51715	84703	87708	
Scilly	804	82527	40636	12752	863++	52714	88707		
Elmdon	534	82321	62026	02550	374++	45620	83718	87625	
Shawbury	414	82420	80206	00352	654++	48720	86618	88630	
Manchester	334	82221	61606	97552	555++	46625	81717	85620	88640
Squires Gate	318	72623	56216	97051	785++	47507	81820	83635	87650
Valley	302	72620	63216	99451	5557+	49500	82710	85625	87464
Ronaldsway	204	72723	62036	97051	38472	43307	81818	83630	86458
Silloth	214	32620	59016	93048	38300	43301	81708	83822	
Watnall	354	72519	69016	98549	4557+	47634	84620	87458	
Spurn Head	396	72328	58038	96248	795++	46758	87920		
Finningley	360	52420	61016	96151	55400	47644	85619		
Dishforth	261	22625	74258	93151	29403	49538	82915		
Tynemouth	262	82718	66028	90751	856++	4573 9	88630		
Eskdalemuir	162	52516	80258	91942	524++	37202	85814		
Mull of Galloway	131	72734	78036	94848	754++	44313	87618		
Prestwick	135	62715	66258	91147	684++	41301	82718	84822	85650
Renfrew	141	32305	66016	90043	38500	38308	81820		
Leuchars	171	02611	74016	86144	00900	37502			
Dyce	091	42405	82016	85040	45600	38511	84632		
Wick	075	12615	83258	81939	18400	35801	81818		
Cape Wrath	049	62337	81898	79143	635++	38203	86920		
Sule Skerry									
Lerwick	005	72727	74218	73845	463++	42656	84709	87625	
Stornoway	026	62418	66258	82842	5946+	37805	85915		
Benbecula	022	62725	66258	84944	5946+	40807	85916		
Tiree	100	62722	74148	87946	3956+	42807	83920	84358	
Aldergrove	917	72317	62016	94945	756++	42703	81710	87650	
Malin Head	980	62724	74256	92245	585+2	41803	84820	85650	86070
Belmullet	976	82517	66808	96949	835++	44812	86921	88645	
Birr	965	82514	66026	00851	6642+	45807	84716	86628	88458
Collinstown	969	82623	74026	98350	856++	45203	88645		
Rineanna	962	82524	61036	02151	884++	49810	82819	88640	
Roches Point	952	82624	80032	04953	46417	50712	84716	86460	88270
Valentia	953	82724	56586	06053	863++	51719	88708		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_hE	T_gT_g	WEATHER 21h.--03h.	WEATHER 03h.—09h.
Kew	775	01431	32	ir_oir	ir_or_o
London Airport	772	96392	34	ir_o	$ir_od_od_o$
Gatwick	776	02351	31	ir_o	$ir_or_or_od_or_o$
Thorney Island	871	03421	37	ir_orr	$rrRRd_od_o$
Hurn	862	04411	36	$pr_orrr_or_o$	$r_or_orrd_or_od_od_o$
Guernsey	894	03462	39	$ir_or_or_o$	$rrir_or_or_o$
Felixstowe	697	01422	38	ir_o	$r_or_oid_o$
Gorleston	497	03382	37	ir_o	$r_or_orrr_or_o$
Mildenhall	578	01411	35	ir_oir	id_o
Cardington	559	96401	32	$ir_or_or_o$	id_o
West Raynham	485	03391	35	ir_orr	r_or_o
Wittering	462	91371	31	ir_o	ir_opr_o
Boscombe Down	746	02391	33	r_or_o	$r_or_oid_o$
Ross-on-Wye	627	95441	36	ir_o	+
Bristol	628	01441	38	$ir_or_or_oidr$	$d_od_oid_o$
Aberporth	502	09452	44	$ir_orrRRd_or_o$	$r_od_od_od_oid_o$
Rhoose (Cardiff)	715	06461	45	r_or_orr	$d_or_od_od_o$
Plymouth	827	05491	46	ir_orr	$rrr_or_od_or_orr$
Chivenor	707	09462	44	$irrrir_o$	$ir_or_or_oRR$
St. Mawgan	817	06462	42	$pr_or_or_orr$	$drddd_od_o$
Culdrose	809	05412	48	$pr_oir_or_or_orr$	$r_or_orrid_odd$
Scilly	804	05512		ir_orr	pr_orrir_o
Elmdon	534	01421	41	$ir_orrr_or_o$	id_o
Shawbury	414	95431	41	ir_o	id_oir_oir
Manchester	334	08422	39	$ir_or_or_orr$	$rrdrRRir$
Squires Gate	318	06451	44	r_or_oRRrr	$r_or_oRRd_or_o$
Valley	302	08461	44	$r_or_odrrrd_od_o$	$id_or_or_opr_o$
Ronaldsway	204	02461	44	rrr_or_o	id_oir_o
Silloth	214	05422	42	$pr_or_or_orrr_or_o$	r_or_o
Watnall	354	03411	36	r_or_o	r_or_opr
Spurn Head	396	02412		pr_oRR	RR
Finningley	360	93431	40	ir_o	$r_or_oir_o$
Dishforth	261	01441	41	$ir_or_or_oir$	r_or_opr
Tynemouth	262	01421	39	pr	pr_o
Eskdalemuir	162	12411	39	r_or_oRR	$prir_o$
Mull of Galloway	131	02432			
Prestwick	135	10432	42	rrr_or_o	pr_opr
Renfrew	141	07422	36	rrr_or_o	$r_or_opr_o$
Leuchars	171	93401	37	$d_or_oid_or_or_o$	ir_o
Dyce	091	03381	32	$irrrr_or_oRR$	ir_o
Wick	075	05381	33	$ir_orrr_or_o$	$r_or_opr_o$
Cape Wrath	049	06422	37	rrpr	prph
Sule Skerry	010	05432	31		
Lerwick	005	04412	31	$prhprpr_or_or_o$	$rrr_or_opr_oh_o$
Stornoway	026	05392	36	RR	pr_o
Benbecula	022	06431	41	$rrr_or_opr_o$	pr_opr
Tiree	100	04431	40	$prpr_o$	$prpr_o$
Aldergrove	917	95432	42	$r_or_oir_o$	+
Malin Head	980	09442	40		
Belmullet	976	03471	44		
Birr	965	04461	43		
Collinstown	969	04441	43		
Rineanna	962	07481	45		
Roches Point	952	02501	45		
Valentia	953	06501	43		

Code FM 21.A

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_sh_s$	$8N_sC_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
A	70623	32900	83544	70808	65441	6942+	00319	+++++	+++++	05636	18541
B	70565	51000	73236	63858	02335	52470	00234	85815	+++++	05326	17861
C	70528	35500	82740	69808	07044	825++	00502	88820	+++++	05439	17450
D	70440	41000	82035	69618	21662	8052+	00805	88525	+++++	00259	12057
I	70588	19500	62639	97159	79045	694+3	61832	81915	85820	05641	12649
J	70526	19900	52730	98012	06452	556++	61813	85650	+++++	05148	17853
K	70451	16000	72920	70031	29555	784++	00400	84813	87636	05252	12833
M	73656	00500	22826	70018	82843	22400	71306	82815	+++++	05436	12934

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_sh_s$	$8N_sC_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
A	70622	33006	73343	70808	74539	793++	00251	+++++	+++++	05736	18343
B	70565	51006	82921	69268	04532	22477	00105	82815	862++	05631	13149
C	70528	35506	82735	97616	03245	5552+	00710	+++++	+++++	05141	17951
D	70440	41006	82030	65026	16762	864++	00615	86715	+++++	00260	12149
I	70588	19806	52646	97278	71743	59403	61742	84918	+++++	05738	17669
J	70526	20206	82740	97032	01351	7552+	00532	87620	88535	00046	17755
K	70450	14906	82720	70025	28057	855++	00501	88625	+++++	00054	12733
M	73657	00306	52204	70031	80539	58400	81715	83810	+++++	05730	10040

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H.M.S.O. Press, M.O. Dunstable.

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DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 36172

Date of Issue Sunday 4 December 1960

Code FM 11.A — OBSERVATIONS at 12h. 3 December 1960

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_d app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775	82118	69216	01454	774++	49723	87710	88615	
London Airport	772	82323	74216	04354	374++	50819	83710	88714	
Gatwick	776	82324	56616	05953	753++	51716	87706	88612	
Thorney Island	871	82318	40616	07754	563++	52815	81705	85708	88712
Hurn	862	82422	62606	07854	572++	53815	85705	88708	
Guernsey	894	82428	56516	13653	573++	52814	85706	88710	
Felixstowe	697	82525	63206	02451	663++	49823	86709	88620	
Gorleston	497	82315	58606	01152	7732+	49715	87707	88524	
Mildenhall	578	82418	80025	00454	654++	49720	86712	88620	
Cardington	559	82431	61022	00754	574++	50717	85715	88625	
West Raynham	485	82424	56626	98851	474++	49810	84712	88620	
Wittering	462	82620	74028	99354	5647+	49810	84710	87616	
Boscombe Down	746	82415	48616	06552	862++	51816	88704		
Ross-on-Wye	627	82315	60616	01753	874++	50717	88715		
Bristol	628	82323	48596	05253	772++	52810	87703	88706	
Aberporth	502	82530	61616	01452	762++	51718	87705	88712	
Rhoose (Cardiff)	715	82625	32636	04752	5722+	52816	85705	88525	
Plymouth	827	82422	37616	09553	7722+	53815	87705	88508	
Chivenor	707	82423	58636	06853	7732+	52817	87706	88510	
St. Mawgan	817	82426	37616	09252	670++	52816	86701	88704	
Culdrose	809	82523	11506	11053	560++	53710	85701	88705	
Scilly	804	82526	40606	11253	863++	53707	88706		
Elmdon	534	82422	56636	00053	674++	49819	86714	88620	
Shawbury	414	82515	58656	98751	5552+	48719	82712	85625	88550
Manchester	334	82218	56626	96850	454++	45824	82710	84718	88640
Squires Gate	318	82423	62028	94851	3562+	48725	82618	83630	88460
Valley	302	82423	69608	96952	374++	49723	83715	85625	88635
Ronaldsway	204	82530	62216	93751	3847+	42732	81818	83640	88462
Silloth	214	82421	61031	90949	6572+	42822	82625	86650	88459
Watnall	354	82712	37618	97949	874++	47704	82705	88712	
Spurn Head	396	72622	57026	96749	755++	45002	87620		
Finningley	360	82620	58026	96051	1552+	45811	81625	88466	
Dishforth	261	82623	58608	93649	3552+	45713	81715	83625	88458
Tynemouth	262	72623	58028	91549	7097+	38808	87358		
Eskdalemuir	162	82312	60608	90142	874++	41819	88710		
Mull of Galloway	131	82534	78022	91448	4747+	44727	84715	88359	
Prestwick	135	82317	66218	87448	4742+	41833	83716	85625	88458
Renfrew	141	82316	60258	86346	4842+	39831	82815	83650	88462
Leuchars	171	62607	74258	85544	4346+	41813	81712	83918	
Dyce	091	42010	83030	84042	15630	34817	81645	83359	
Wick	075	52318	80038	79941	43401	35714	82918	84640	
Cape Wrath	049	72524	82028	76842	785++	40721	87825		
Sule Skerry	010	62318	84818	76845	634++	40710	86915		
Lerwick	005	32316	63278	74842	33400	38801	83912		
Stornoway	026	32316	82018	78542	19563	35730	81925		
Benbecula	022	62529	69278	80043	39463	40732	81714	83918	
Tiree	100	72725	62258	83246	49462	42731	81711	83916	85358
Aldergrove	917	82324	62022	90947	3567+	43731	81712	83630	86458
Malin Head	980	72526	62258	87448	535+2	44734	85922	87070	
Belmullet	976	82530	64028	92851	6142+	42814	86818	88459	
Birr	965	82616	59616	97451	7742+	49721	86710	87715	88458
Collinstown	969	82520	69216	94851	6647+	47730	83711	86635	88459
Rineanna	962	82530	58616	98452	8732+	50525	83706	88530	
Roches Point	952	82625	58616	02253	873++	52819	88708		
Valentia	953	82726	58615	02354	863++	52721	88708		

OBSERVATIONS at 18h. 3 December 1960

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_d app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775	82316	56616	01154	6732+	51610	86707	88520	
London Airport	772	82424	61616	01054	5732+	52611	85709	88520	
Gatwick	776	82323	58616	02653	373++	51610	83707	85710	88714
Thorney Island	871	82427	64026	04455	673++	52506	86708	88715	
Hurn	862	82423	59606	05054	572++	52504	85705	86709	88612
Guernsey	894	82530	56216	11953	572++	52501	85704	87707	
Felixstowe	697	82623	56636	98952	5742+	51716	85712	85621	88535
Gorleston	497	82418	58616	96853	7732+	51714	87708	88524	
Mildenhall	578	82522	66616	96853	7742+	50617	85716	87719	88550
Cardington	559	82429	56616	97753	3742+	51714	83712	88540	
West Raynham	485	82429	66616	94751	3732+	50622	83709	85712	88458
Wittering	462	82522	59616	95753	574++	49508	85712	88618	
Boscombe Down	746	82517	58636	03252	3722+	51507	83703	88517	
Ross-on-Wye	627	82422	60616	98554	8042+	50606	88510		
Bristol	628	82428	40636	01752	7732+	52607	87706	88511	
Aberporth	502	72533	56606	98353	773++	51502	87707	88712	
Rhoose (Cardiff)	715	82630	20636	02052	872++	52805	88703		
Plymouth	827	82523	27536	07253	773++	52708	87708	88618	
Chivenor	707	82719	48636	04253	6732+	52706	86706	88514	
St. Mawgan	817	82430	19596	07252	662++	52508	86705	88709	
Culdrose	809	92528	56025	09053	673++	51503	86707	88612	
Scilly	804	82430	58026	08253	553++	51610	85707	88622	
Elmdon	534	82423	48636	96753	4742+	50605	82708	84711	86525
Shawbury	414	82519	66616	95151	3552+	46504	83625	88550	
Manchester	334	82618	58216	92951	456++	46714	84630	88645	
Squires Gate	318	82624	62026	91151	655++	46609	86625	88641	
Valley	302	82829	66036	94152	364++	45304	83710	88635	
Ronaldsway	204	82633	62022	90951	5252+	43300	85820	88462	
Silloth	214	72718	59808	87845	6847+	41503	81715	85823	87458
Watnall	354	82814	58616	93551	6742+	49307	86714	88530	
Spurn Head	396	72415	57606	92050	734++	49717	87918		
Finningley	360	82820	61636	92552	355++	48611	83621	86626	88650
Dishforth	261	72526	66216	89651	785++	43613	84820	87640	
Tynemouth	262	62718	61258	86849	656++	40719	86634		
Eskdalemuir	162	82514	60656	86942	6742+	38604	86715	88540	
Mull of Galloway	131	82540	80818	88746	6747+	42204	86715	88369	
Prestwick	135	72521	62028	85047	784++	41506	81716	84625	86650
Renfrew	141	62515	56049	84045	55500	38607	82620	85630	
Leuchars	171	52718	74028	81942	49403	36507	81712	83630	82918
Dyce	091	12310	82011	79837	18530	34611	81820		
Wick	075	62118	80258	75938	4946+	34713	82915	83635	86358
Cape Wrath	049	82330	81038	73743	875++	41712	88720		
Sule Skerry	010	32524	82818	73244	864++	39713	88715		
Lerwick	005	62220	66158	71041	59433	38715	85912		
Stornoway	027	22213	80258	75539	29400	36712	82918		
Benbecula	022	62530	64258	77844	49463	37509	84919		
Tiree	100	22529	66258	80945	29400	38706	82918		
Aldergrove	917	82622	58258	89344	884++	40206	83712	84818	88635
Malin Head	980	62730	74256	86045	635++	41503	84920	86640	
Belmullet	976	72525	64028	90150	5843+	42809	83818	85635	87359
Birr	965	82311	58605	94949	5742+	45810	85712	88458	
Collinstown	969	82621	69026	92949	2557+	42501	82627	88461	
Rineanna	962	82518	56616	95450	874++	48721	82710	86716	88626
Roches Point	952	82524	48586	98853	863++	52714	88706		
Valentia	953	82422	56636	97853	863++	51728	88706		

OBSERVATIONS during DAY

Station	iii	RRT_xT_xE	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Kew	775	03551	000	$r_or_oir_orr$	$rrr_or_oid_o$
London Airport	772	03552	000	d_od_oddrr	rr
Gatwick	776	07542	000	$d_or_orrr_or_opr$	rrr_or_o
Thorney Island	871	12552	000	d_od_orr	rrirdd
Hurn	862	05551		$d_od_od_or_orr$	r_or_orrdr
Guernsey	894	03532	000	$r_or_oird_od_o$	$d_or_oid_o$
Felixstowe	697	05542	000	$id_or_or_o$	$rrr_or_oir_o$
Gorleston	497	06542	000	ir	$rrr_or_oir_o$
Mildenhall	578	02551	000	ir_o	$r_cr_oir_o$
Cardington	559	07541	000	rr	$r_or_orrr_or_o$
West Raynham	485	12521	000	rrRR	rrRR
Wittering	462	06541	000	irr_or_o	$rriRr_or_o$
Boscombe Down	746	10531	000	$id_or_or_orr$	rrr_or_o
Ross-on-Wye	627	05552	000	pr_oprpr_o	pr_oid_o
Bristol	628	09532	000	d_od_orr	$rrir_o$
Aberporth	502	05531	000	$ir_or_or_orr$	rrr_or_odr
Rhoose (Cardiff)	715	24522	000	ddd_or_o	r_cr_orr
Plymouth	827	04541	000	$rrr_{\bullet}r_od_od_c$	$iDrrid_oir$
Chivenor	707	14531	000	$RRid_oRRd_od_o$	$d_od_orrr_or_o$
St. Mawgan	817	04521	000	$d_or_or_or_o$	id_odrid_o
Culdrose	809	01532	000	$d_od_or_or_oid_o$	ir_o
Scilly	804	01551	000	ir_o	ir_o
Elmdon	534	16542	000	$rrRRr_or_o$	$rrr_or_oRRir_oRR$
Shawbury	414	14541	000	irRRrr	$RRrrr_or_o$
Manchester	334	07522	000	ir_oirrr	$rrir_oiRrr$
Squires Gate	318	92521	000	pr_oir_o	$r_or_oir_o$
Valley	302	02531	000	pr_oir_oirrr	ir_orr
Ronaldsway	204	00521	000	+	+
Silloth	214	02502	000	+	pr_opr
Watnall	354	21522	000	r_or_orrRR	RRrrir
Spurn Head	396	03512	000	rr	ir_o
Finningley	360	02531	000	r_or_o	rr
Dishforth	261	10451	000	$pr_oir_or_or_orr$	$rrr_or_opr_o$
Tynemouth	262	93491	000	+	pr_o
Eskdalemuir	162	10442	000	ir_o	RRir
Mull of Galloway	131	93491			
Prestwick	135	09491	000	pRir	$rrprhpr_o$
Renfrew	141	084.62	000	iRtlr	priR
Leuchars	171	04441	017	pr_oprpr_o	pr_o
Dyce	091	00441	022	+	+
Wick	075	91421	015	+	pr_o
Cape Wrath	049	01441		pr	pr
Sule Skerry	010	06472			
Lerwick	005	03452	006	pr_oprh	pr_o
Stornoway	026	03432	007	pr_opr	pr_opr
Benbecula	022	04471	009	prprh	$ph_or_opRpr_o$
Tiree	100	04471	006	pr_opRHpr	pr_oprh
Aldergrove	917	03482	000	ir_o	pr_oprpr_o
Malin Head	980	1249	000		
Belmullet	976	0151	000		
Birr	965	0351	000		
Collinstown	969	0251	000		
Rineanna	962	1353	000		
Roches Point	952	0454	000		
Valentia	953	1254	000		

Code FM 21.A — OCEAN WEATHER STATION REPORTS at 12h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
A	70620	32912	73438	75158	80737	793++	00227	+++++	+++++	+++++	18443
B	70565	51012	62530	63878	05330	68400	00215	85818	83625	05820	13047
C	70528	35512	72540	98026	02341	78500	00710	+++++	+++++	05534	12748
D	70440	41012	33416	37618	18158	374++	00320	83710	+++++	05256	12149
I	70588	20012	62747	97828	68944	594+3	61706	85918	+++++	05740	17669
J	70526	20912	82735	95022	01848	454++	64700	84618	88625	05345	17756
K	70448	15712	52516	75012	28957	15642	00400	81633	84080	00150	12733
M	73659	00512	71023	70152	73141	49470	31740	81910	83815	05436	11021

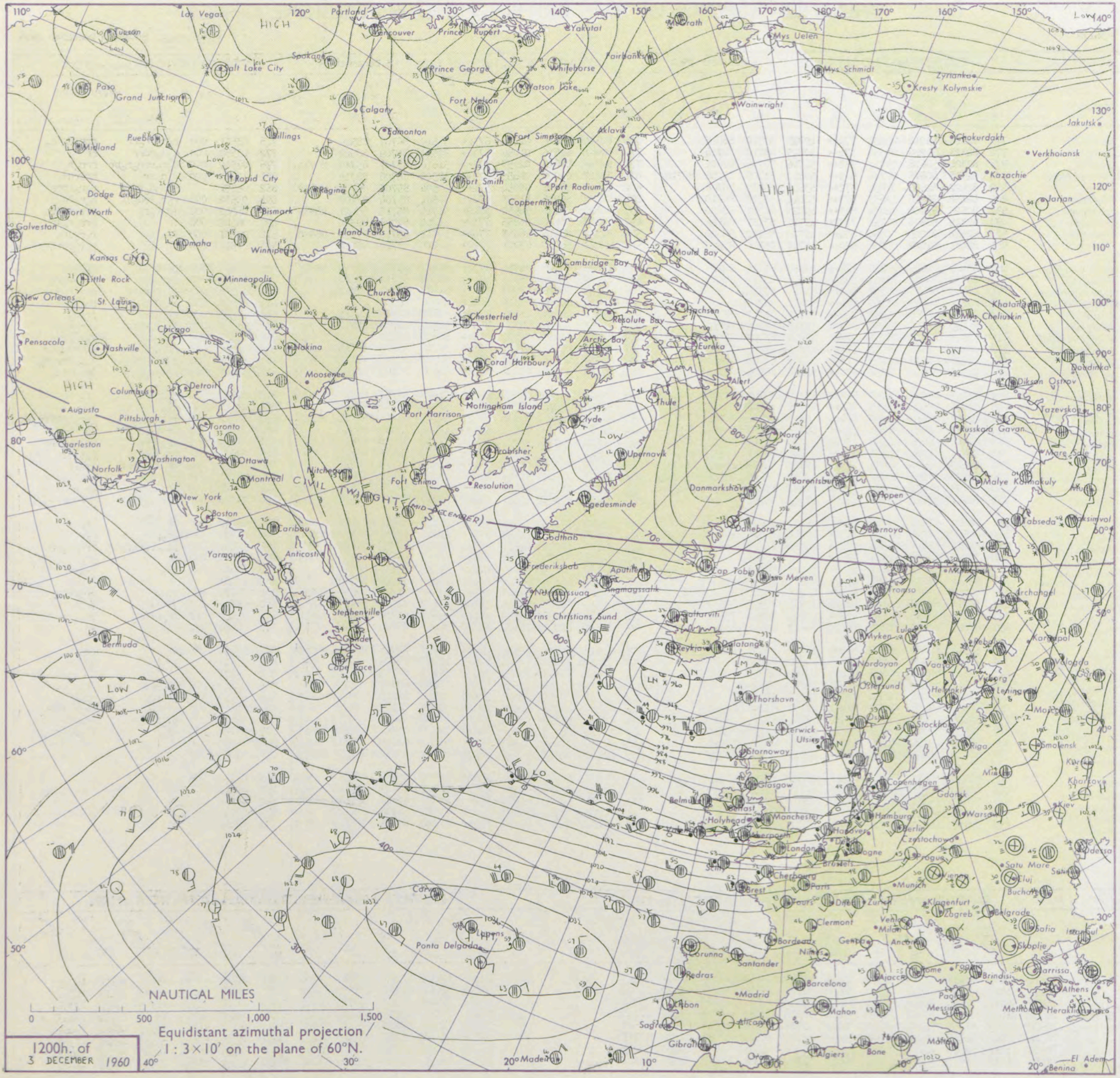
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
A	70619	32918	43330	80158	83936	39463	00219	+++++	+++++	06128	18340
B	70565	51018	62730	63878	04830	42471	00708	84815	+++++	05819	12557
C	70528	35518	33240	65871	05541	33500	00227	83920	+++++	05430	12758
D	70440	41018	83215	37614	21053	8042+	00420	88510	+++++	05752	12147
I	70589	20418	62740	98022	67744	634++	61707	84815	83918	05641	17669
J	70523	22318	82728	96606	93447	5547+	63735	85612	88358	05443	17766
K	70449	15818	82720	70032	24655	885++	81717	82825	88640	00150	12633
M	73658	01018	81130	70612	67641	5742+	31722	85810	88457	05639	11033

All times of observation printed in this publication are GREENWICH MEAN TIME.

SIR GRAHAM SUTTON, C.B.E., D.Sc., F.R.S., Director General. Meteorological Office, Air Ministry, Kingsway, London, W.C.2

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



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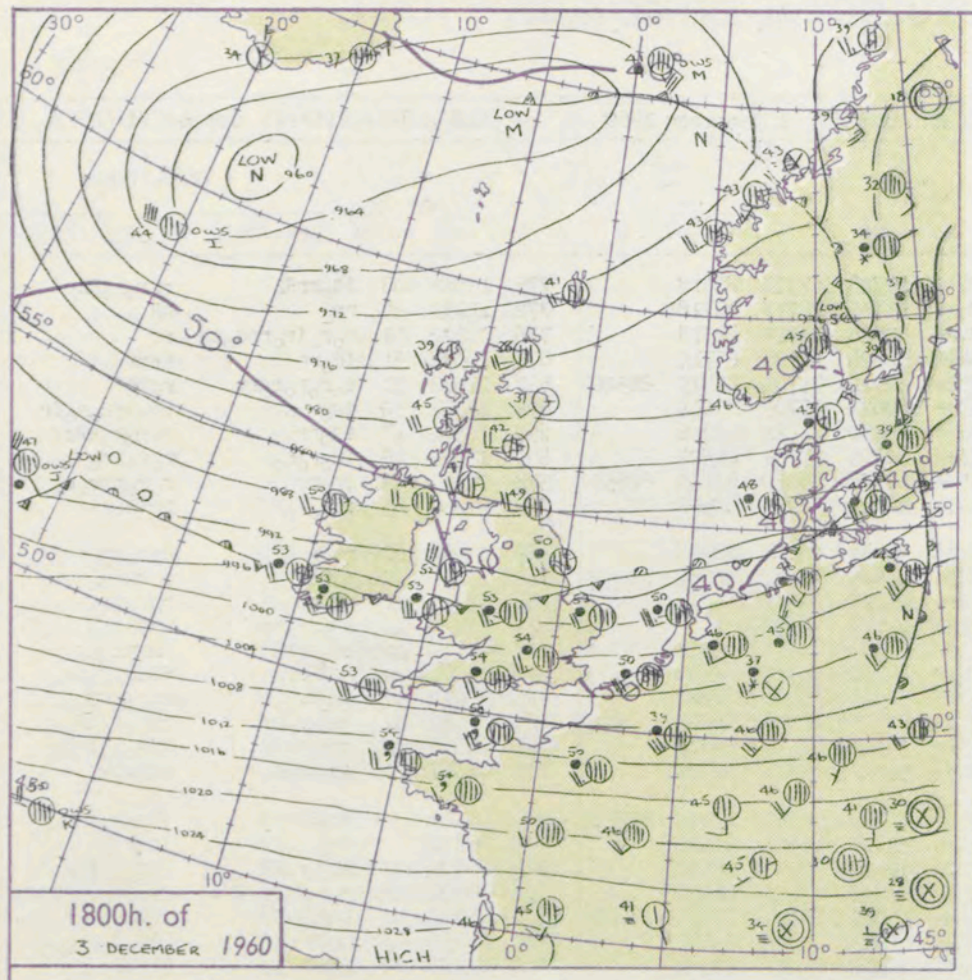

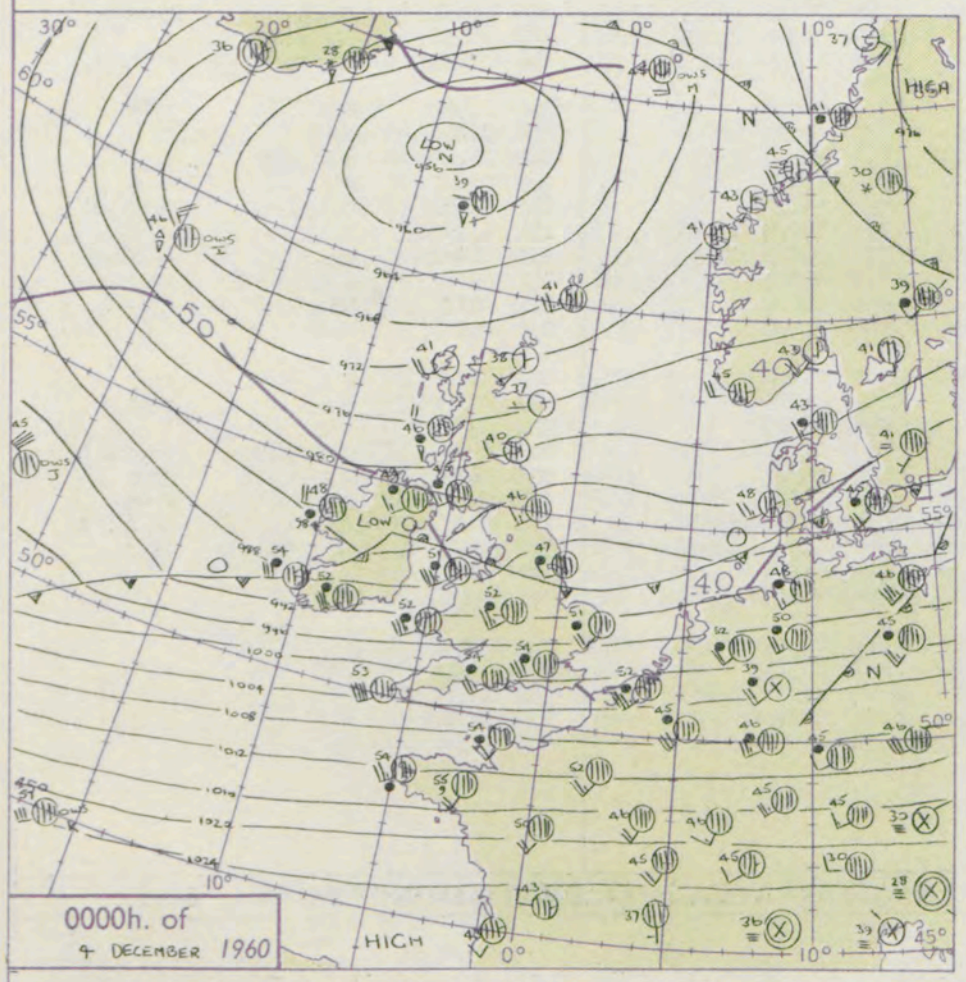

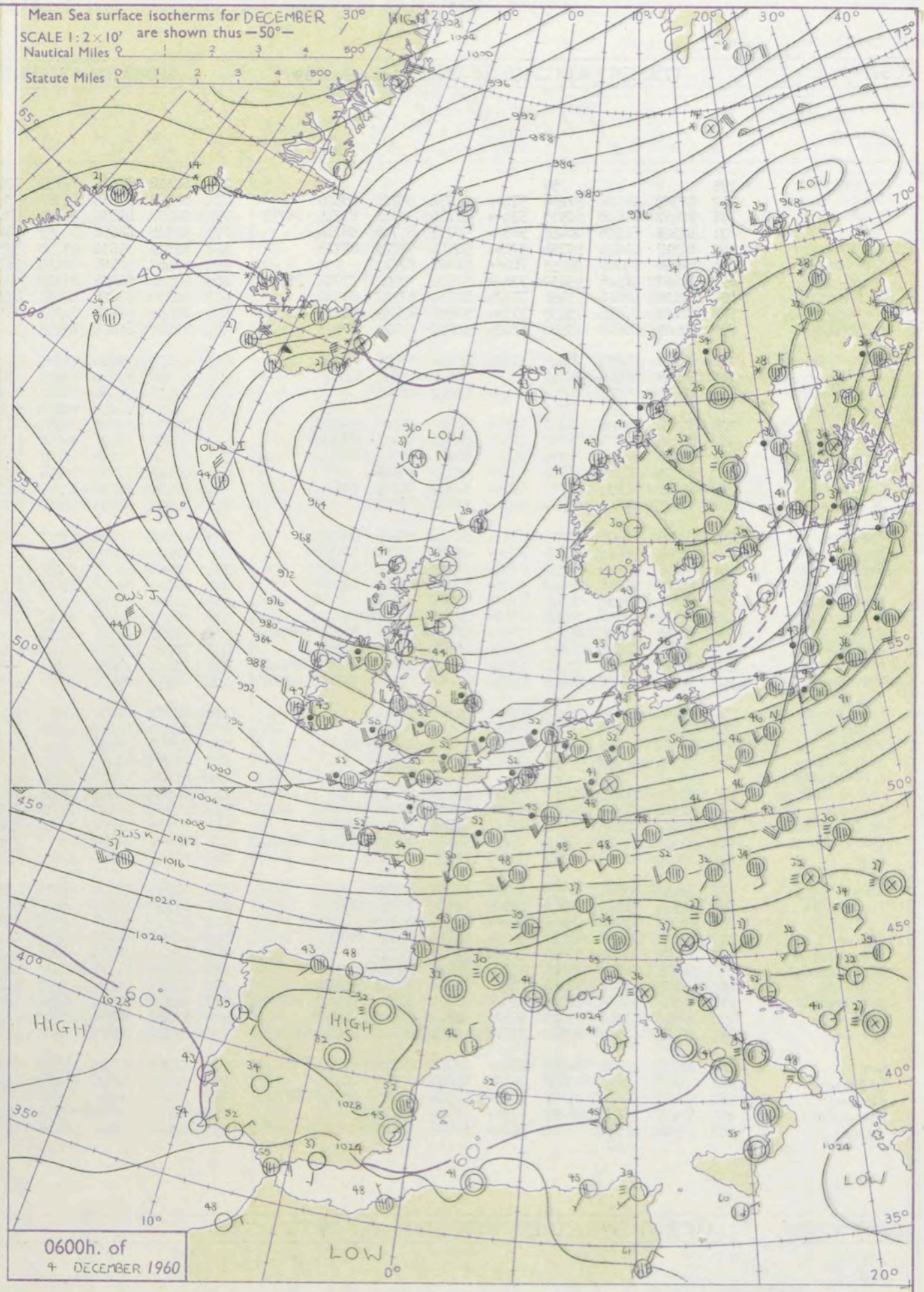

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Sunday 4 December 1960

The deep depression south of Iceland has moved to near the Faeroes, and will continue to move rather slowly east. A wave has moved very quickly from the central Atlantic yesterday to the North Sea, and it will continue moving rapidly towards the Baltic. A minor wave on cold front over the south coast will run east to Germany, and cold air is expected to sweep over the country as the cold front moves into the Continent. Some further movement east of a ridge of high pressure near Newfoundland is expected.

FORECAST for Great Britain and Northern Ireland until noon tomorrow

Rain in the extreme southeast will soon move away, and showery weather with a few bright intervals will become general, with hail in places and thunder in some districts, especially the north. Showers will die out in many inland districts tonight. Strong to gale winds will blow at times in many parts. Temperatures will be mainly average or rather below, but the extreme southeast will be rather mild at first.

OUTLOOK for the following 24 hours:-

Rather cold with showers and bright intervals.

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE *(contd.)*

Code FM 11.A

OBSERVATIONS at 00h. 4 December 1960

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775			50					
London Airport	772	82329	66606	97254	574++	50734	85714	88620	
Gatwick	776	82432	61606	98953	574++	49738	85711	87715	88719
Thorney Island	871	82326	61506	00455	363++	50737	83708	88714	
Hurn	862	82327	61606	99754	573++	50744	85709	88713	
Guernsey	894	82328	60026	08053	764++	51827	87710		
Felixstowe	697	82627	58506	95152	774++	50833	82710	87714	88621
Gorleston	497	82120	58616	93451	7742+	51734	87711	88524	
Mildenhall	578	82424	66636	93153	373++	50833	83709	86713	88618
Cardington	559	82429	56618	93552	5742+	51835	85711	88525	
West Raynham	485	82615	58656	91349	5722+	49734	85704	88520	
Wittering	462	82418	56636	91153	474++	50742	84614	88619	
Boscombe Down	746	82424	66026	98052	854++	49842	88610		
Ross-on-Wye									
Bristol	628	82322	28526	96352	573++	50841	85708	88713	
Aberporth	502	82435	40656	89652	473++	50756	84708	88714	
Rhoose (Cardiff)	715	82525	59606	96252	855++	50840	82710	88624	
Plymouth	827	82335	56516	01354	874++	50743	88716		
Chivenor	707	82440	32536	97952	463++	52842	84709	88611	
St. Mawgan	817	82435	48516	99952	863++	51850	88707		
Culdrose	809	82534	56026	02353	572++	50744	85705	88612	
Scilly	804	82341	56216	01253	574++	49739	85711	88618	
Elmdon	534	82223	66656	90752	6732+	50755	86710	87518	
Shawbury	414	82320	48656	88252	5742+	50760	85711	88520	
Manchester	334	81809	58636	88347	8052+	45850	88538		
Squires Gate	318	82514	36636	86048	4742+	47751	84713	88540	
Valley	302	82335	40636	85051	373++	51868	83706	86709	88616
Ronaldsway	204	82420	62636	84649	4642+	46853	84716	88458	
Silloth	214	82110	61618	83246	355++	44844	81715	83625	88640
Watnall	354	82511	40636	88848	3722+	47748	83703	85705	88522
Spurn Head	396	82508	48636	90247	864++	45809	88710		
Finningley	360	82205	58636	88846	856++	44835	88641		
Dishforth	261	82010	59638	86845	1552+	43832	81620	88556	
Tynemouth	262	82315	61028	85746	8091+	37719	88458		
Eskdalemuir									
Mull of Galloway	131	82734	74636	82247	874++	45858	88715		
Prestwick	135	82316	62618	80645	354++	40838	83715	88624	
Renfrew	141	82709	62608	80243	655++	41738	86627	88640	
Leuchars	171	62612	80021	79140	25638	38826	82630	83358	86270
Dyce	091	12604	82020	77337	10930	31823	81360		
Wick	075	32116	83021	72538	20931	33730	82360		
Cape Wrath	049	62324	81028	69944	39505	39722	83915	83270	
Sule Skerry	010	62530	81028	68646	634++	39736	86915		
Lerwick	005	82323	66258	68141	3947+	38717	83915	88460	
Stornoway	026	12318	74258	72541	19500	31719	81925		
Benbecula	022	52325	74258	73345	53500	36728	85922		
Tiree	100	72822	62808	76246	734++	35743	83916	87640	
Aldergrove	917	82214	56658	82244	8552+	43754	82714	85620	88531
Malin Head	980	82814	61618	79644	4642+	42740	84710	88540	
Belmullet	976	82722	61628	82547	5742+	44744	83713	85635	88558
Birr	965	82907	48636	84547	5742+	47758	85710	88545	
Collinstown	969	82608	59636	83946	8642+	44759	82712	88527	
Rineanna	962	83112	50616	85248	874++	47544	83710	86713	88716
Roches Point	952	82437	48635	89052	873++	51746	88708		
Valentia	953	82528	48635	88754	862++	52646	88705		

OBSERVATIONS at 06h. 4 December 1960

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775	82328	72616	89153	774++	49738	87710	86618	
London Airport	772	82229	56636	89352	674++	51735	86713	88718	
Gatwick	776	82430	48636	91652	4742+	50728	84712	88518	
Thorney Island	871	82328	48656	94053	564++	51724	81708	85712	
Hurn	862	82329	39636	93753	5732+	51726	85709	87715	88520
Guernsey	894	82440	50586	02153	563++	49622	85709	87614	
Felixstowe	697	82531	56636	87352	474++	50732	84712	88716	
Gorleston	497	82230	58616	84153	873++	50745	87709	88524	
Mildenhall	578	82432	69616	84953	355++	50725	83620	87640	88650
Cardington	559	82333	66616	85153	3742+	52624	83710	88518	
West Raynham	485	82534	59636	81751	5542+	49741	85616	88520	
Wittering	462	82525	59616	82453	3742+	49629	83713	86616	88520
Boscombe Down	746	82426	56636	91651	862++	50725	88705		
Ross-on-Wye	627	82725	48656	86652	8042+	47615	88510		
Bristol	628	82432	30636	89453	873++	51625	88708		
Aberporth	502	82528	69626	86650	674++	48312	86712	88640	
Rhoose (Cardiff)	715	82634	32636	90153	573++	51714	85706	88712	
Plymouth	827	82442	37636	95252	6732+	52720	86706	88510	
Chivenor	707	82438	32636	91952	663++	52517	86707	88610	
St. Mawgan	817	82540	48636	94252	662++	52722	86705	88709	
Culdrose	809	82440	37626	96652	372++	52720	83705	83707	88710
Scilly	804	82437	48636	95753	574++	53720	85711	88618	
Elmdon	534	82524	68656	84452	5742+	50510	85716	88520	
Shawbury	414	82524	74216	83648	3552+	45311	83620	88458	
Manchester	334	82716	58216	81946	353++	44308	83707	84711	88619
Squires Gate	318	72717	74806	80648	784++	45310	82715	85818	87630
Valley	302	82725	74016	83349	884++	43210	84817	88640	
Ronaldsway	204	72724	74016	80547	6847+	45803	84818	86645	87458
Silloth	214	72520	74036	77846	4853+	41505	81820	84645	87358
Watnall	354	82914	74616	82348	4742+	46500	84715	88540	
Spurn Head	396	82727	57656	77251	874++	51764	88710		
Finningley	360	82810	56216	80846	858++	45302	82620	88657	
Dishforth	261	62608	82016	79045	58571	42511	82820	83623	
Tynemouth	262	72309	58026	77944	7097+	39725	87358		
Eskdalemuir	162	42307	74216	77239	42400	38712	84818		
Mull of Galloway	131	42530	82011	78245	21460	40712	82818	83360	
Prestwick	135	52518	74258	75046	58500	39815	83825	84637	
Renfrew	141	72508	66908	74742	794++	39616	81712	85816	87640
Leuchars	171	22611	80016	73037	28500	35630	81820		
Dyce	091	12407	82020	72137	15730	32725	81650		
Wick	075	11910	83020	68336	12500	32722	81820		
Cape Wrath	049	62330	82898	63243	695++	41743	86920		
Sule Skerry	010	62330	81808	64845	634++	39735	86915		
Lerwick	005	62217	66278	65139	694++	38717	86915		
Stornoway	026	42516	82258	66741	49500	35731	84947		
Benbecula	022	42330	74258	67943	39436	34724	83919		
Tiree	100	72627	61878	71743	6946+	38719	81712	85918	
Aldergrove	917	82318	62806	79042	885++	39708	84820	88626	
Malin Head	980	62728	69256	75844	634++	37718	86918		
Belmullet	976	42732	74278	81744	49400	36301	84919		
Birr	965	82711	56626	85243	6742+	41306	86710	88458	
Collinstown	969	82717	66626	82645	864++	43501	88715		
Rineanna	962	72711	66808	86846	735++	40306	85920	87635	
Roches Point	952	82722	61806	89449	874++	45311	88712		
Valentia	953	62921	75256	91149	635++	40214	86923		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Kew	775	12512	48	id_orrRR	rrr_or_oRR
London Airport	772	12492	48	rr	RR
Gatwick	776	19512	51	$r_or_oir_orrd_or_o$	rr
Thorney Island	871	15522	51	id_orr	RRrr
Hurn	862	17522	51	$d_or_or_or_orr$	rrRR
Guernsey	894	03501	50	ir_o	$ir_odrd_od_oir$
Felixstowe	697	10502	47	id_orr	rrr_or_oRRrr
Gorleston	497	17492	49	$ir_or_or_o$	$r_or_oir_o$
Mildenhall	578	08501	47	ir_orr	$r_or_orrr_or_o$
Cardington	559	14492	45	rrr_or_o	rr
West Raynham	485	27492	47	rrRR	rrr_or_o
Wittering	462	12491	47	rrRR	$rrRRir_o$
Boscombe Down	746	15471	46	rrr_or_o	r_or_orr
Ross-on-Wye	627	13491	46	id_oir_orr	$rriRir_o$
Bristol	628	24492	46	ir_oirRR	$RRrrr_or_o$
Aberporth	502	19471	44	rrRRrr	$RRirir_opR$
Rhoose (Cardiff)	715	15492	48	ir_orr	$r_or_orrir_o$
Plymouth	827	23512	51	ird_or_orr	rrr_or_oRR
Chivenor	707	16501	49	rrr_or_oRR	$RRr_or_orrir_o$
St. Mawgan	817	18502	50	id_oddRR	RRrrir
Culdrose	809	13512		ir_oRR	$iRr_or_oRRr_or_o$
Scilly	804	09522		ir_o	irrriR
Elmdon	534	20492	47	RRr_or_oRR	$RRr_or_oir_o$
Shawbury	414	18482	43	$r_or_oRRrrRRrr$	$rrRRr_or_orrpr_o$
Manchester	334	23462	40	iRrrRRDR	$rrRRrrr_or_oir_o$
Squires Gate	318	23452	43	rrRR	$RRr_or_opr_opR$
Valley	302	11471	45	rrRR	rrr_or_o
Ronaldsway	204	10441	41	rrr_or_o	r_or_opR
Silloth	214	05452	42	$ir_or_or_orr$	+
Watnall	354	31472	40	ir_orr	$rrRRr_or_o$
Spurn Head	396	11462		rr	rrRR
Finningley	360	15451	43	rrRR	rr
Dishforth	261	13442	40	$pr_od_od_orr$	pr_oRR
Tynemouth	262	03431	37	rr	rr
Eskdalemuir	162	06381	36	rrr_or_o	rrr_or_oiR
Mull of Galloway	131	03402			
Prestwick	135	05422	40	pr_orr	ir_opr_opr
Renfrew	141	09382	35	rrr_or_o	prtlrh
Leuchars	171	01371	34	r_or_o	$r_or_opr_o$
Dyce	091	00323	27	+	+
Wick	075	00361	32	+	+
Cape Wrath	049	01391	35	pr	prph
Sule Skerry	010	07412	36		
Lerwick	005	09362	33	$pr_oprpr_oph_o$	ph_ophprh
Stornoway	026	04392	35	pr_o	phpr
Benbecula	022	03421	37	pr_opR	$prpr_o$
Tiree	100	02401	36	$prhpr_o$	pr_oh_oprh
Aldergrove	917	04392	38	$pr_orrRRr_or_o$	ir_opr_o
Malin Head	980	10401	37		
Belmullet	976	08411	37		
Birr	965	28401	37		
Collinstown	969	20412	38		
Rineanna	962	26432	40		
Roches Point	952	12441	41		
Valentia	953	12441	42		

Code FM 21.A

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	YQL_aL_a	L_oL_oGG	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_s$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
A	10620	33100	53423	80158	86236	49403	00205	+++++	+++++	06128	13447
B	10565	51000	82911	69858	06932	2257+	00114	82820	87630	05622	12657
C	10528	35500	62933	69268	12241	62500	90320	86820	+++++	05326	12948
D	10440	41000	83615	69026	23552	3553+	00415	83625	88359	05840	12156
I	10588	19800	73027	97878	67546	734++	21303	87918	+++++	05542	18268
J	10523	22500	62838	98016	95245	685++	21213	84825	86630	05534	17856
K	10450	16000	82430	70028	21657	855++	61716	88626	+++++	00152	12435
M	13655	01300	81720	70026	66345	28447	41006	81815	88265	05234	11721

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	YQL_aL_a	L_oL_oGG	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_s$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
A	10620	33206	63114	70878	87034	49460	00000	+++++	+++++	06028	13122
B	10565	51006	63221	65858	10532	62400	00217	86815	+++++	05625	12947
C	10528	35506	32736	69268	11940	31500	00602	83820	+++++	05428	12957
D	10440	41006	80204	63616	24751	2742+	00202	82715	88457	05644	13643
I	10588	20106	73130	97028	75044	794+3	71236	83815	85918	05639	18266
J	10524	21406	53138	98278	99244	594++	22221	81918	84820	05638	17854
K	10451	16306	82434	65202	16457	854++	61727	85618	88636	00252	12446
M	13651	01506	41209	75031	64543	49400	42611	82915	+++++	05437	11634

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H.M.S.O. Press, M.O. Dunstable.

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 36173

Date of Issue Monday 5 December 1960

Code FM 11.A

OBSERVATIONS at 12h. 4 December 1960

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775	72518	66036	90553	6842+	43510	83818	84635	87499
London Airport	772	82524	69036	90052	2847+	46502	82818	83462	
Gatwick	776	82320	59216	91451	3547+	47002	81708	83615	85358
Thorney Island	871	82615	61616	92952	4567+	48701	81705	84640	88359
Hurn	862	82615	86216	94151	4847+	46308	81715	83650	86458
Guernsey	894	82332	56636	99453	773++	52714	87707		
Felixstowe	697	82821	64036	88152	45477	46804	84619	85648	87460
Gorleston	497	72418	62016	85851	6847+	45206	81810	86620	87360
Mildenhall	578	72618	69216	86749	5857+	43204	81820	84645	87460
Cardington	559	72621	74218	88049	17402	41202	81710	87070	
West Raynham	485	82624	82216	84849	2542+	43003	82618	87463	
Wittering	462	72823	62806	86248	4347+	38209	84918	87465	
Boscombe Down	746	82718	66216	92348	2557+	43207	82620	88458	
Ross-on-Wye	627	72520	81026	90548	26513	32235	82720	86460	
Bristol	628	72615	61806	92149	5847+	42322	82818	83633	87360
Aberporth	502	62733	74018	91146	32508	35320	83825	85275	
Rhoose (Cardiff)	715	82925	62896	92849	3347+	37217	81709	83912	88460
Plymouth	827	82718	62216	96850	8097+	42221	85358	88460	
Chivenor	707	72931	74256	95050	12532	35217	81820	86358	87070
St. Mawgan	817	82827	64156	97850	6647+	42122	86712	86359	
Culdrose	809	82918	60026	98648	4557+	46122	82712	84620	87465
Scilly	804	82931	48606	99548	4722+	42228	84705	87615	88525
Elmdon	534	72628	56258	88446	16402	36323	81715	87070	
Shawbury	414	42620	80028	87344	39463	34124	82918	83070	
Manchester	334	62732	69258	84846	684++	34224	81815	84818	
Squires Gate	318	62727	66028	83047	684++	38225	86818		
Valley	302	52732	74258	86647	52500	42223	85820		
Ronaldsway	204	52634	80028	82646	52500	36212	85822		
Silloth	214	62625	61022	79145	684+2	36103	81715	85822	
Watnall	354	42715	62258	85643	18472	35221	81818	84075	
Spurn Head	396	62628	58022	81248	625++	41501	86820		
Finningley	360	12727	61258	83447	19500	36315	81925		
Dishforth	261	22720	66258	80944	29563	37207	82920		
Tynemouth	262	32720	61022	77644	31500	33003	83820		
Eskdalemuir	162	72315	83258	77540	724++	35007	87818		
Mull of Galloway	131	52736	80022	80044	42402	39106	84818		
Prestwick	135	72524	64258	75544	794++	39001	83815	87924	
Renfrew	141	72426	48819	74242	794++	37805	84712	87922	
Leuchars	171	52615	70158	71641	39403	36710	82712	82920	
Dyce	091	72106	83031	69940	28531	32714	81820	83360	
Wick	075	72018	80021	65440	29463	36716	81915	84359	
Cape Wrath	049	72330	81028	63144	795++	42201	87920		
Sule Skerry	010	62330	81818	61044	634++	39711	86915		
Lerwick	005	62113	81258	62540	29463	35617	82915	86072	
Stornoway	026	52419	74258	64541	4946+	37807	84917		
Benbecula	022	72734	74278	68543	794++	37212	83718	87922	
Tiree	100	52831	66278	72046	29462	39308	82918	84065	
Aldergrove	917	72222	62808	80842	794++	40208	83713	84918	87630
Malin Head	980	62726	66278	77345	594+3	39307	85919	86067	
Belmullet	976	72835	66258	85446	794++	37214	87917		
Birr	965	72820	70806	89243	735++	35219	86922	87633	
Collinstown	969	12625	80018	85844	18500	36010	81820		
Rineanna	962	52620	74258	91446	53500	38217	85922		
Roches Point	952	12809	74028	94416	19400	39119	81918		
Valentia	953	72922	87258	95648	735++	40217	86924	87635	

OBSERVATIONS at 18h. 4 December 1960

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775	12418	70011	94547	156++	36216	81635		
London Airport	772	32416	69016-	94845	20931	37321	82358		
Gatwick	776	42414	74018	95344	20938	37220	82360	83175	
Thorney Island	871	32615	66016	97248	12530	38221	81825		
Hurn	862	32613	66018	97445	30970	38215	83360		
Guernsey	894	72820	66016	01549	3547+	40212	83612	87459	
Felixstowe	697	42820	69018	92447	00906	38222	84270		
Gorleston	497	12617	62018	90045	10940	38219	81360		
Mildenhall	578	12516	80011	90644	15600	34217	81645		
Cardington	559	12420	66011	92343	10930	36219	81358		
West Raynham	485	12425	62016	88742	00902	34211	81075		
Wittering	462	02518	66018	89942	00900	34213			
Boscombe Down	746	12614	62011	96343	15530	36218	81620		
Ross-on-Wye	627	12515	77020	92845	15600	33110	81630		
Bristol	628	32518	64808	95346	39400	39313	81918	83640	
Aberporth	502	42733	66011	93545	42500	35214	84823		
Rhoose (Cardiff)	715	62820	66258	95645	624++	35218	86818		
Plymouth	827	12615	59258	99645	13400	38215	81918		
Chivenor	707	52729	74258	97548	59400	36312	82915	83820	
St. Mawgan	817	42823	66258	99646	43500	41111	40453	84925	
Culdrose	809	42915	69258	00742	49400	38315	81915	83620	
Scilly	804	32827	66026	00847	32400	38210	83818		
Elmdon	534	22525	56258	91543	24500	35020	82625		
Shawbury	414	22520	80018	90343	29400	35213	82918		
Manchester	334	82522	59258	87645	455++	33208	84635	88640	
Squires Gate	318	72725	62808	85546	785++	39216	82820	86636	
Valley	302	52832	74021	89046	52500	41212	85820		
Ronaldsway	204	62729	80018	85945	52500	38220	85820		
Silloth	214	42529	67031	81545	48400	38216	81715	83642	
Watnall	354	12617	62011	88342	15700	70148	37111	81656	
Spurn Head	396	42625	58021	84345	44500	38210	84620		
Finningley	360	12726	53258	85545	12500	36310	81825		
Dishforth	261	32618	66018	82845	38500	38118	81820		
Tynemouth	262	32718	61258	79145	30970	36324	83358		
Eskdalemuir	162	72512	83258	80239	724++	36220	87818		
Mull of Galloway	131	72736	80028	83843	724++	38224	87818		
Prestwick	135	72622	64808	78946	974++	39222	83917	85826	
Renfrew	141	72718	62819	77742	794++	39329	83715	87926	
Leuchars	171	32716	80258	72740	28502	35210	81822		
Dyce	091	62720	80258	69942	39563	32307	81920	83635	
Wick	075	72825	61878	65940	694+2	36320	83915	85630	
Cape Wrath	049	62730	81818	64543	695++	41246	86920		
Sule Skerry	010	82518	74878	63444	834++	39229	88915		
Lerwick	005	62314	81808	62140	53463	38310	85815	86073	81915
Stornoway	026	63027	59808	70343	694++	38239	86918		
Benbecula	022	52938	69258	74446	59500	34235	85922		
Tiree	100	52931	62278	77044	4946+	41230	81712	84918	
Aldergrove	917	72520	74028	84942	794++	39226	82715	83920	85650
Malin Head	980	52829	74258	82746	595++	39231	85923		
Belmullet	976	72728	66258	90044	794++	36223	87918		
Birr	965	12615	81018	92641	13500	33223	81923		
Collinstown	969	22718	78258	89842	29530	34229	81922		
Rineanna	962	42817	74258	94843	49500	36326	83922	84640	
Roches Point	952	42913	80258	97642	49400	38225	84917		
Valentia	953	12720	66018	98045	19500	38216	81924		

OBSERVATIONS during DAY

Station	iii	RRT_xT_xE	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Kew	775	01531	000	rrir$_o$	+
London Airport	772	01521	000	rrir$_o$	+
Gatwick	776	09532	000	rrpr$_o$	+
Thorney Island	871	04541	000	rrr$_o$r$_o$	+
Hurn	862	02541		RRr$_o$r$_o$pr$_o$	+
Guernsey	894	11531	000	irriRir$_o$	ir$_o$
Felixstowe	697	95521	000	r$_o$r$_o$pr$_o$	+
Gorleston	497	03532	000	ir$_o$r$_o$r$_o$pr$_o$	+
Mildenhall	578	01501	000	r$_o$r$_o$ir	+
Cardington	559	01512	000	prir$_o$	+
West Raynham	485	91491	000	ir$_o$	+
Wittering	462	91501	015	ir$_o$pr$_o$	+
Boscombe Down	746	01511	000	rrir$_o$	pr$_o$
Ross-on-Wye	627	01521	013	pR	+
Bristol	628	91531	001	r$_o$r$_o$ir$_o$pr	pr$_o$
Aberporth	502	97471	015	pr$_o$	+
Rhoose (Cardiff)	715	01502	000	ir$_o$ph$_o$	pr$_o$tlh
Plymouth	827	01531	000	RRr$_o$r$_o$ir$_o$pr$_o$	pr$_o$pRpr$_o$
Chivenor	707	01521	004	ir$_o$pr$_o$ph$_o$	ph$_o$pr$_o$
St. Mawgan	817	01531	003	irr$_o$r$_o$pr$_o$	pr$_o$
Culdrose	809	02531	000	ir$_o$	pr$_o$
Scilly	804	96522	001	ir$_o$	pr
Elmdon	534	93501	013	pr$_o$	pr$_o$
Shawbury	414	01491	030	pr$_o$	pr$_o$pR
Manchester	334	01471	037	ir$_o$pr$_o$	pr$_o$r$_o$r$_o$
Squires Gate	318	01481	020	pr$_o$	pr$_o$
Valley	302	97491	042	pr$_o$	+
Ronaldsway	204	97471	023	+	pr$_o$
Silloth	214	96462	027	+	pr$_o$prpr$_o$
Watnall	354	01481	016	pr$_o$pr$_o$h$_o$	+
Spurn Head	396	91491	040	pr$_o$	+
Finningley	360	02501	038	pr$_o$	pr$_o$pr
Dishforth	261	02461	027	RRpr	pr$_o$pr
Tynemouth	262	94461	037	+	prpr$_o$
Eskdalemuir	162	05411	002	pr$_o$pr	pr$_o$pr
Mull of Galloway	131	97452			
Prestwick	135	03471	004	ph$_o$pr	pr$_o$
Renfrew	141	05452	000	pr$_o$pr	tlrhprprhpr$_o$
Leuchars	171	01421	024	pr$_o$	pr$_o$
Dyce	091	97421	028	+	pr$_o$
Wick	075	02412	019	pr$_o$	pr$_o$pr$_o$h$_o$
Cape Wrath	049	05452		pr	pr
Sule Skerry	010	05451			
Lerwick	005	03422	002	pr$_o$	pr$_o$pRHprRpr$_o$
Stornoway	026	04442	002	pr	ph
Benbecula	022	02471	006	pr$_o$phr	phrprpr$_o$
Tiree	100	05471	007	pr$_o$prh	prhpr$_o$
Aldergrove	917	01432	004	pr$_o$	pr$_o$
Malin Head	980	0347	001		
Belmullet	976	0246	004		
Birr	965	0146	031		
Collinstown	969	0245	048		
Rineanna	962	0548	035		
Roches Point	952	9147	056		
Valentia	953	0148	031		

Code FM 21.A

OCEAN WEATHER STATION REPORTS at 12h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_s$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
A	10620	33012	80134	65898	87637	894++	11306	+++++	+++++	05832	10145
B	10565	51012	82922	63858	14333	855++	00217	88625	+++++	05524	12945
C	10528	35512	72532	55585	08642	78400	00719	85820	86640	05335	12757
D	10440	41012	80905	58616	24249	3742+	00303	83812	88540	05848	13144
I	10588	19412	62943	97872	77844	6346+	21104	86918	+++++	05741	17941
J	10523	20612	32934	98898	03340	39463	00227	83918	+++++	06037	17858
K	10451	16312	82528	50615	16057	873++	61804	88706	+++++	00155	12535
M	13647	01912	41414	70158	64145	39403	41306	81910	+++++	05439	11532

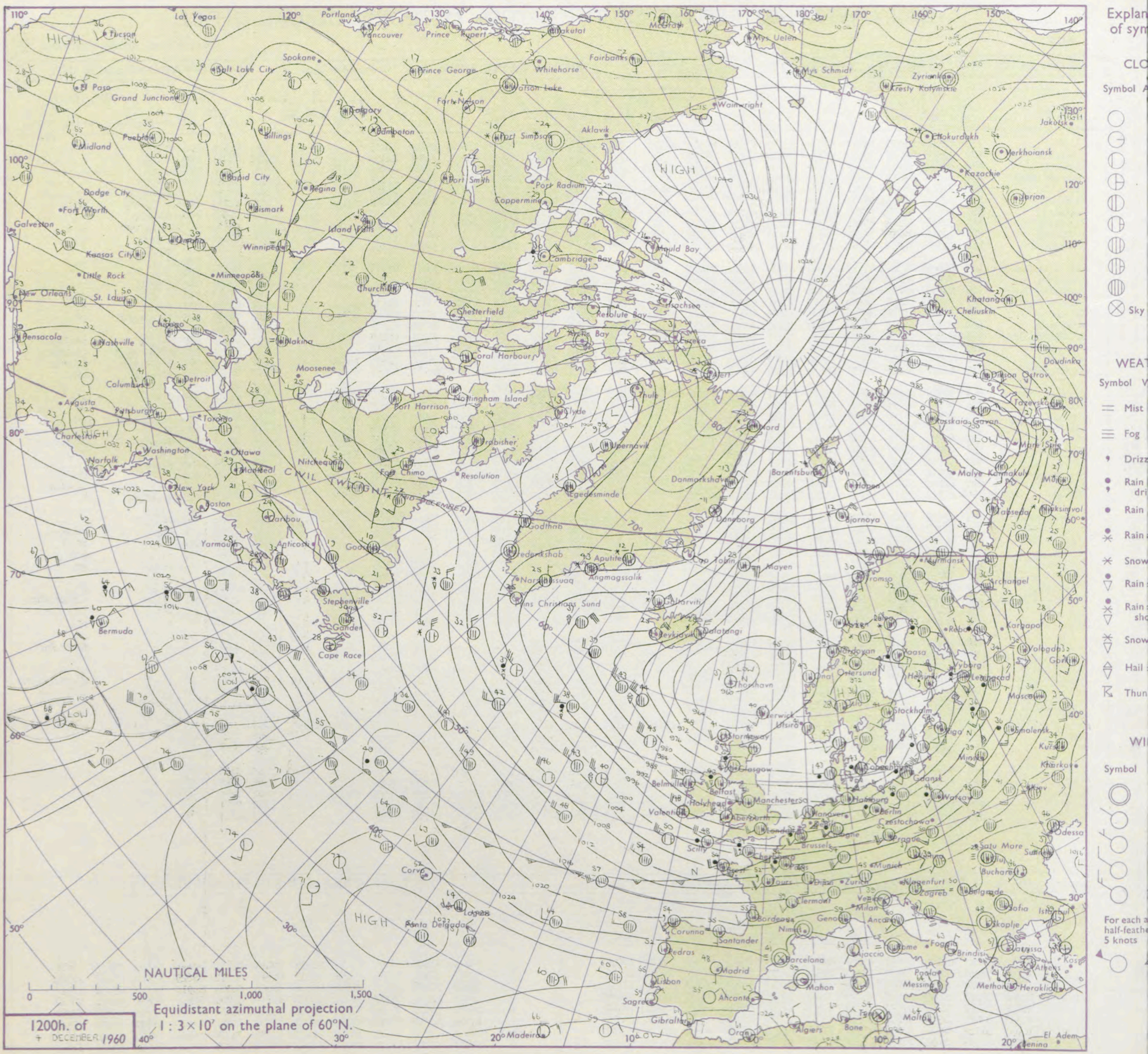
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_s$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
A	10620	33118	50426	75158	91937	49441	00231	+++++	+++++	05630	10436
B	10565	51018	82926	63858	13033	855++	00712	88625	+++++	05527	12924
C	10528	35518	43241	61168	09040	43400	00324	84910	+++++	05728	12759
D	10440	41018	80516	59616	20352	873++	00708	88809	+++++	05651	13154
I	10587	18618	73130	98022	79542	59403	25214	84918	+++++	05833	17968
J	10525	20518	42835	98278	02142	43400	11211	81915	83820	05837	17859
K	10451	15918	73120	65016	16255	45532	71308	84626	86360	05048	13146
M	13643	02218	71406	70021	63945	79400	42301	83910	84620	05337	11432

All times of observation printed in this publication are GREENWICH MEAN TIME.

SIR GRAHAM SUTTON, C.B.E., D.Sc., F.R.S., Director General. Meteorological Office, Air Ministry, Kingsway, London, W.C.2

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



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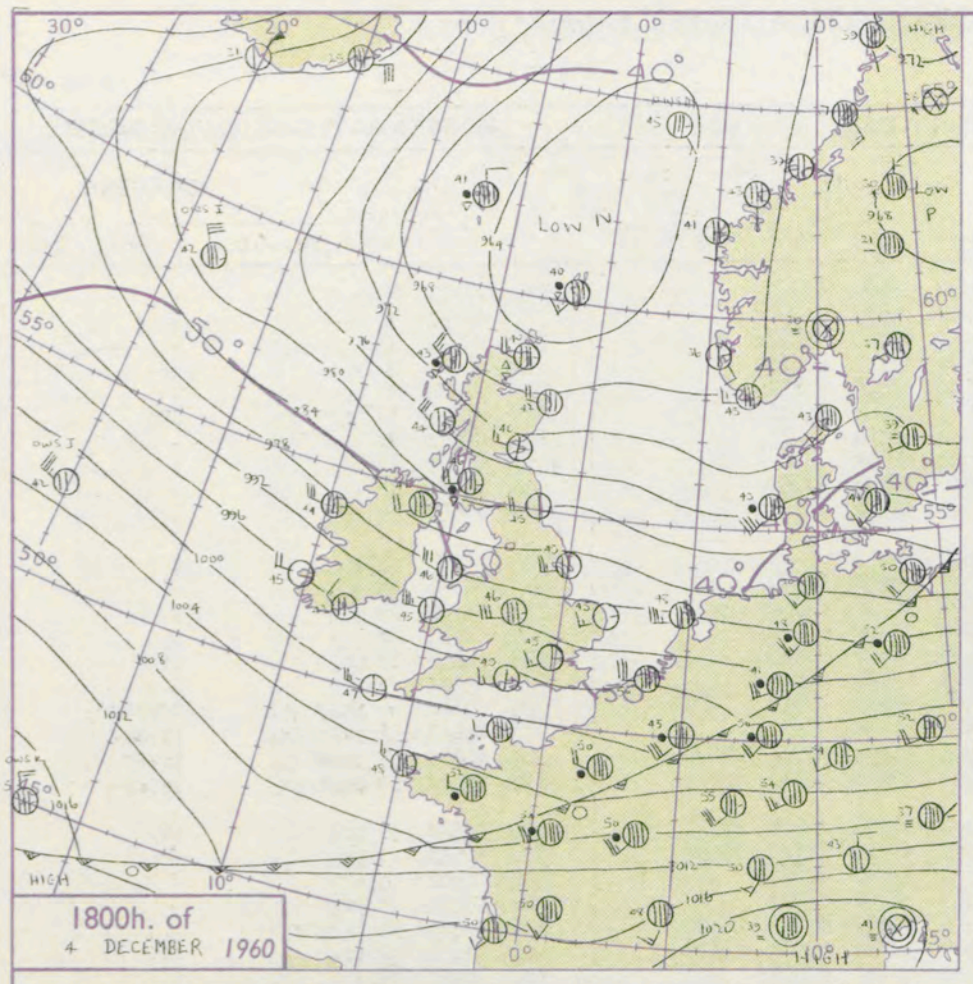

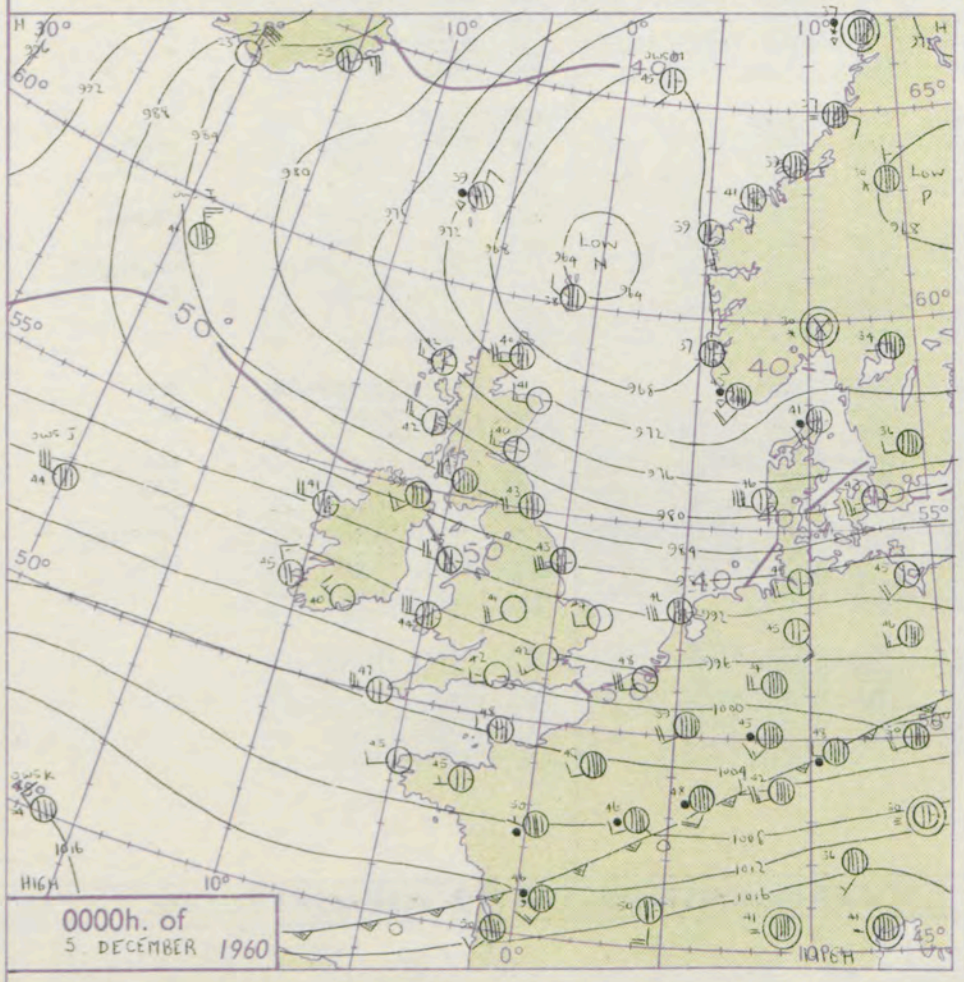

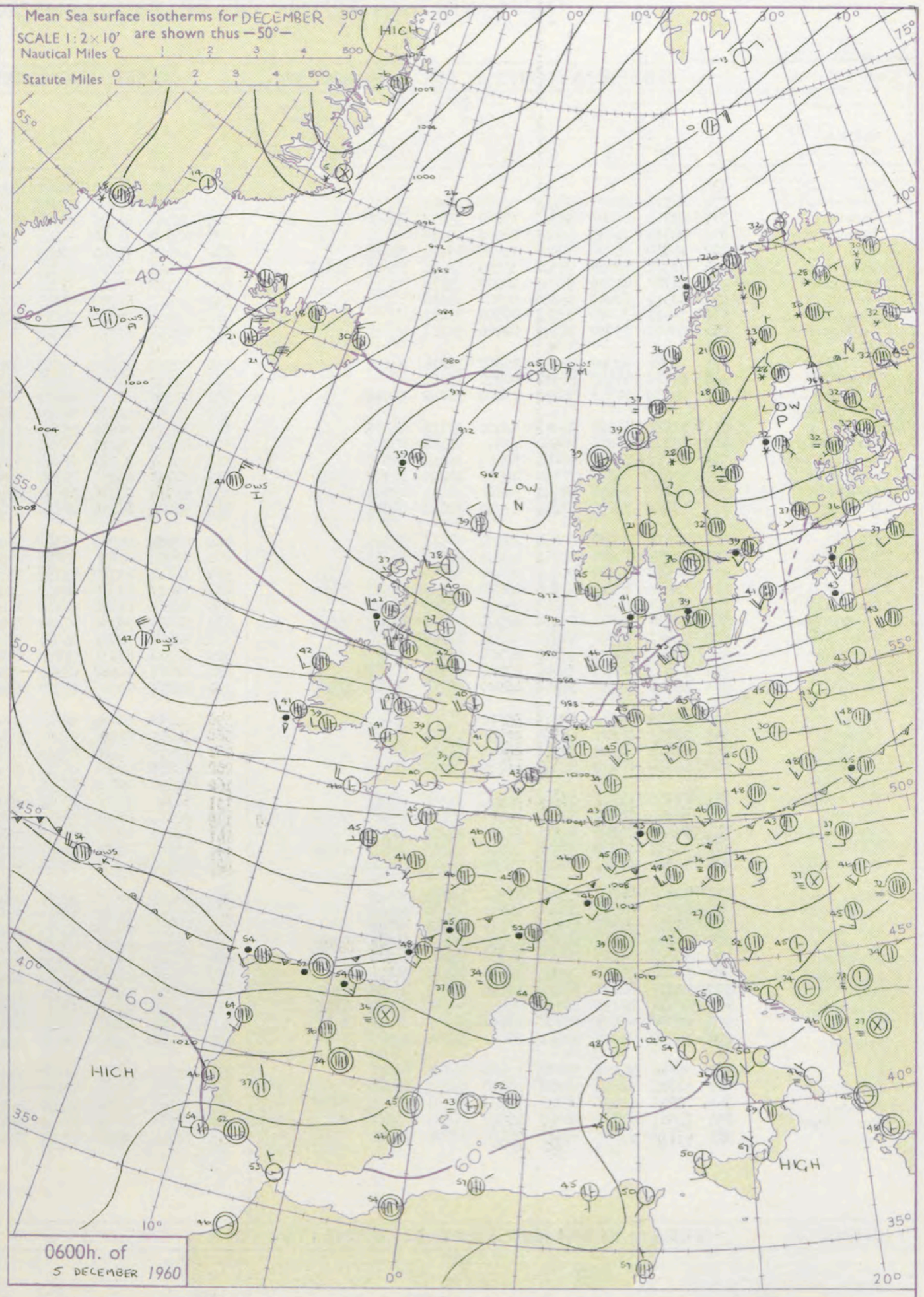

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Monday 5 December 1960

The depression near the Faroes has moved east, and it is expected to continue moving towards west Norway and fill, the main centre of low pressure being near Finland. The wave yesterday just east of the Wash moved very quickly to west Russia, and further waves are moving across France, with associated troughs covering the British Isles.

FORECAST for Great Britain and Northern Ireland until noon tomorrow

All areas will be showery this afternoon with hail and perhaps thunder in some places, and with snow on high ground from Wales northwards. Cloud will disperse in most inland districts tonight, with frost in some parts. Showers will continue during the night in the west and north. Temperatures will be rather below average.

OUTLOOK for next 24 hours:

Little general change.

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE *(contd.)*

Code FM 11.A

OBSERVATIONS at 00h. 5 December 1960

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775			42					
London Airport	772	02313	69020	97442	00900	35213			
Gatwick	776	12313	80020	98341	15600	35217	81630		
Thorney Island	871	02715	74010	99445	00900	39110			
Hurn	862	12510	74020	99942	11500	37111	81825		
Guernsey	894	42720	80258	03947	39403	38005	83815	81918	
Felixstowe	697	02722	61020	95043	00900	39212			
Gorleston	497	02511	62020	93244	00900	35218			
Mildenhall	578	02518	74020	93542	00900	33212			
Cardington	559	02420	59020	94742	00900	35111			
West Raynham	485	12526	74020	92040	15600	34214	81635		
Wittering	462	02618	74020	92741	00900	35213			
Boscombe Down	746	22510	74258	99239	29400	36212	82912		
Ross-on-Wye									
Bristol	628	12611	59018	98044	12400	37112	81818		
Aberporth	502	72728	66031	96444	725++	34106	87820		
Rhoose (Cardiff)	715	52716	74808	98245	52500	36212	85820		
Plymouth	827	52620	66808	01546	29503	38205	82920	84072	
Chivenor	707	32720	74258	99644	33400	36111	83915		
St. Mawgan	817	42822	74278	01845	42500	38008	84825		
Culdrose	809	22812	78258	03244	29400	36111	81915		
Scilly	804	42724	74258	02747	42400	40209	84815		
Elmdon	534	02419	74020	94041	00900	33210			
Shawbury	414	12618	80018	92941	19400	34110	81918		
Manchester	334	72417	58218	91243	755++	34220	87623		
Squires Gate	318	62726	74038	89346	68500	37212	82822	85635	
Valley	302	52827	74022	92545	52500	41109	85820		
Ronaldsway	204	22631	80021	89743	22500	36115	82822		
Silloth	214	42623	74018	86244	42501	35112	84823		
Watnall	354	42714	62030	92140	48500	36217	81825	83630	
Spurn Head	396	52629	59031	88743	55500	41233	85625		
Finningley	360	22613	66021	89340	25400	37113	82618		
Dishforth	261	32618	74808	87443	29560	36320	81920		
Tynemouth	262	62620	66028	83543	60970	33229	86358		
Eskdalemuir									
Mull of Galloway	131	62740	82022	87841	624++	36221	86818		
Prestwick	135	82720	74258	83843	5357+	37221	82922	85645	88458
Renfrew	141	72615	74808	82541	6256+	37224	86823		
Leuchars	171	32714	83030	77940	38500	34225	81822	83650	
Dyce	091	12715	82028	75441	15700	34222	81656		
Wick	075	62626	66258	69940	695++	37214	86920		
Cape Wrath	049	82737	81818	70843	895++	43230	88920		
Sule Skerry	010	63218	81818	68145	634++	40218	86915		
Lerwick	005	63010	82038	64738	53402	36113	85915	85070	
Stornoway	026	32813	80258	76342	32500	37226	83827		
Benbecula	022	32624	69158	79444	39500	36115	83920		
Tiree	100	32823	66258	81442	39300	37217	81708	83915	
Aldergrove	917	62314	62158	88739	684++	36214	82819	86635	
Malin Head	980	82828	66808	85842	894++	36209	88918		
Belmullet	976	72719	80278	91641	734++	34204	87919		
Birr	965	32610	74258	95138	33500	34209	83921		
Collinstown	969	12512	82018	92838	15600	34209	81640		
Rineanna	962	72815	80038	96541	795++	36304	84920	87635	
Roches Point	952	12813	80020	98840	19400	34106	81919		
Valentia	953	43116	69028	99545	49500	37500	84922		

OBSERVATIONS at 06h. 5 December 1960

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775	12210	74020	98541	10940	36400	81399		
London Airport	772	12312	80010	98339	10930	35602	81360		
Gatwick	776	12408	82020	99238	10930	35703	81360		
Thorney Island	871	12509	74020	00244	12500	37501	81825		
Hurn	862	12406	74020	00443	12530	37500	81825		
Guernsey	894	52615	80278	04042	49403	37502	84912		
Felixstowe	697	02717	60020	97041	00900	39103			
Gorleston	497	02412	62020	95041	00900	35008			
Mildenhall	578	12416	74020	94839	10930	36101	81360		
Cardington	559	02416	59020	96240	00900	35102			
West Raynham	485	02520	74020	94238	00900	33105			
Wittering	462	12617	74030	94439	10930	33102	81360		
Boscombe Down	746	22509	82030	99837	15601	34301	81640		
Ross-on-Wye	627	12412	81020	96740	18500	31400	81825		
Bristol	628	52410	66038	98240	59400	36802	85915		
Aberporth	502	42620	74011	96541	42401	33704	84817		
Rhoose (Cardiff)	715	33011	74279	98443	39400	35501	83915		
Plymouth	827	22411	66258	01043	19460	38710	81915		
Chivenor	707	62724	74278	99544	59403	35804	85916	83070	
St. Mawgan	817	52624	66158	01244	39460	37609	83918		
Culdrose	809	42814	69808	02743	594++	36706	82915	83635	
Scilly	804	32822	82028	01646	22440	36715	82818	83358	
Elmdon	534	12214	82020	95339	15500	34400	81620		
Shawbury	414	32410	80038	94239	23563	33104	81920		
Manchester	334	42217	62031	92439	28430	33203	81818	83359	
Squires Gate	318	52723	69258	91044	59400	36210	83918	83630	
Valley	302	72622	74022	93443	72500	40102	87825		
Ronaldsway	204	62728	82031	90842	625++	35204	86822		
Silloth	214	72618	70022	88243	5557+	35212	82717	85625	87458
Watnall	354	02612	62020	93737	00900	35000			
Spurn Head	396	32418	59020	90740	35500	36208	83625		
Finningley	360	12613	66028	91740	15500	34310	81620		
Dishforth	261	12411	80258	89140	12500	36106	81825		
Tynemouth	262	62618	66021	85742	6097+	32301	86358		
Eskdalemuir	162	82210	66808	86735	833++	34204	88908		
Mull of Galloway	131	72736	82032	89040	4557+	38210	84620	85359	
Prestwick	135	82624	66258	85242	6952+	36207	82920	84640	88460
Renfrew	141	82414	62808	84040	834++	37105	84812	88916	
Leuchars	171	52611	83031	80637	25702	34210	82650	84070	
Dyce	091	62715	83031	78740	15732	30216	81656	84360	
Wick	075	22615	82018	75738	29400	35221	81918		
Cape Wrath	049	52737	81028	75843	585++	41218	85825		
Sule Skerry	010	73224	81028	74245	734++	39224	87915		
Lerwick	005	53110	82251	69439	23403	37225	82915	83070	
Stornoway	026	12607	82028	79137	12500	34307	81825		
Benbecula	022	52615	80038	80943	19502	34308	81922	85070	
Tiree	100	72721	61808	82642	694+2	39209	83915	83824	87070
Aldergrove	917	42326	66038	89337	48500	34001	81820	83640	
Malin Head	980	82620	66808	86542	894++	36204	88918		
Belmullet	976	82316	80258	91442	634++	36702	86918		
Birr	965	72207	74258	95237	735++	34804	82921	87636	
Collinstown	969	12415	82030	92935	15600	32000	81640		
Rineanna	962	72713	80278	95240	594+6	35712	82915	85656	87270
Roches Point	952	72509	80021	97639	18402	35812	81819	87070	
Valentia	953	72614	66808	97041	5356+	37720	85920	87358	

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Kew	775	00401	34 +		+
London Airport	772	00381	33 +		+
Gatwick	776	00362	33 +		+
Thorney Island	871	00421	36 +		+
Hurn	862	91381	28 +		+
Guernsey	894	95421	39 pr		phr
Felixstowe	697	00400	37 +		+
Gorleston	497	00371	34 +		+
Mildenhall	578	00381	33 +		+
Cardington	559	00381	34 +		+
West Raynham	485	00371	33 +		+
Wittering	462	00381	35 +		+
Boscombe Down	746	02341	30 pr_0		+
Ross-on-Wye	627	00381	32 +		+
Bristol	628	01391	28 pr_0		pr_0
Aberporth	502	00411	38 +		+
Rhoose (Cardiff)	715	02392	34 ph_0pr_0tlr		$tlrphpr_0$
Plymouth	827	01411	34 $pr_0pr_0h_0$		pr_0pr_0
Chivenor	707	04411	35 pr_0ph		pr_0pr
St. Mawgan	817	02411	36 pr_0h_0pr		$prpr_0$
Culdrose	809	93391	31 pr_0		pr_0
Scilly	804	92451	pr_0		+
Elmdon	534	00361	33 +		+
Shawbury	414	97371	29 pr_0		+
Manchester	334	95361	31 $r_0r_0ir_0$		+
Squires Gate	318	01421	40 pr_0		pr_0
Valley	302	00421	36 +		+
Ronaldsway	204	00411	39 +		+
Silloth	214	92412	39 pr_0		+
Watnall	354	00361	31 +		+
Spurn Head	396	00390	+		+
Finningley	360	02401	35 pr_0		pr_0pr
Dishforth	261	01391	34 pr_0		pr_0
Tynemouth	262	00411	35 +		+
Eskdalemuir	162	15341	32 pR		$pRpr_08_0$
Mull of Galloway	131	00371			
Prestwick	135	10382	36 pr_0ph_0		pr_0ph_0tlr
Renfrew	141	12392	36 pr		pr_0
Leuchars	171	00371	33 +		+
Dyce	091	00361	31 +		+
Wick	075	10362	32 $prpr_0pRH$		prh
Cape Wrath	049	96391	32 pr		pr
Sule Skerry	010	01422	38		
Lerwick	005	91362	31 +		pr_0
Stornoway	026	02362	32 pr_0ph		pr_0
Benbecula	022	01401	33 $ph_0r_0pr_0$		jp
Tiree	100	03401	36 pr_0phr		$prphrpr_0$
Aldergrove	917	95352	34 pr_0		pr_0
Malin Head	980	03391	36		
Belmullet	976	03391	34		
Birr	965	01361	33		
Collinstown	969	97351	31		
Rineanna	962	03381	35		
Roches Point	952	97371	33		
Valentia	953	04391	35		

Code FM 21.A

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_wW$
A	20620	33100	60310	50868	97836	69300	21228	+++++	+++++	06128	10333
B	20565	51000	82535	65858	09834	855++	00720	88625	+++++	05429	12646
C	20528	35500	82938	67158	14440	824++	00224	88815	+++++	05530	12759
D	20440	41000	80919	58616	17355	6742+	00508	86810	88530	05355	10745
I	20589	18900	73327	97258	82841	734++	71113	87918	+++++	06036	18361
J	20525	20300	62730	98258	97044	33463	00724	83915	82070	05637	17755
K	20451	16100	62914	70022	16354	15646	61802	81633	86278	05346	100+0
M	20645	02200	52102	70018	66545	49570	82221	+++++	84920	05339	100+0

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_wW$
A	20620	33206	42208	80028	00036	49500	00102	+++++	+++++	05928	12221
B	20565	51006	82522	65858	08436	855++	00605	88624	+++++	05231	12447
C	20528	35506	72930	69258	16741	725++	00312	88820	+++++	05427	12757
D	20440	41006	82315	69026	13563	8087+	00608	88357	+++++	00561	11445
I	20590	19106	83625	98028	85241	856++	00319	88630	+++++	06030	18460
J	20525	20106	42930	98010	92342	49403	00807	81918	83820	05835	17843
K	20450	18406	82726	70032	11454	1567+	61834	81640	88360	05245	13144
M	23651	02206	50915	70152	70145	49460	82216	81910	+++++	05337	10921

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H.M.S.O. Press, M.O. Dunstable.

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 36174

Date of Issue Tuesday 6 December 1960.

Code FM 11.A

OBSERVATIONS at 12h. 5 December 1960

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775	62310	69031	97945	11502	37810	81825	85099	
London Airport	772	32212	80030	98245	11632	35707	81830		
Gatwick	776	42414	80030	98447	11532	37615	81820	83075	
Thorney Island	871	42509	69030	98848	28531	35711	82825		
Hurn	862	22510	79020	99048	12571	38812	81825		
Guernsey	894	72114	82158	01246	68472	43818	85815		
Felixstowe	697	22717	57031	97745	10941	38803	81359		
Gorleston	497	02310	64020	96942	00900	36008			
Mildenhall	578	22412	74030	95945	15701	34802	81650		
Cardington	559	32311	66030	96643	00902	35805	83070		
West Raynham	485	12520	80020	95142	15501	34205	81620		
Wittering	462	12415	69030	94943	11502	34802	81825		
Boscombe Down	746	52311	80031	98743	12531	36705	81825	85360	
Ross-on-Wye	627	72307	63021	96044	15502	33810	81625	86070	
Bristol	628	72313	66258	97942	59433	39707	82915	84360	87075
Aberporth	502	72318	82021	94845	29562	35719	81920	86072	
Rhoose (Cardiff)	715	62314	62258	97046	59432	39711	83912	83820	85070
Plymouth	827	32411	74030	98347	23430	37817	81918		
Chivenor	707	61912	80031	97248	49433	41718	83916		
St. Mawgan	817	72309	74808	98042	69560	39717	86920		
Culdrose	809	62408	60258	99047	59433	38722	81710	83815	82912
Scilly	804	42709	74258	97846	32403	39822	83818		
Elmdon	534	32110	57030	95841	11402	33702	81818	83068	
Shawbury	414	22412	82030	94444	28502	34808	81820		
Manchester	334	32313	63021	93544	18531	30000	83072		
Squires Gate	318	32724	69028	90846	33401	34812	81918	83820	
Valley	302	62517	82012	93445	32502	38805	83825	86075	
Ronaldsway	204	62622	83011	91744	52502	37000	85820		
Silloth	214	22619	69011	89545	22532	35004	82825		
Watnall	354	12809	58030	93743	11401	35705	81815		
Spurn Head	396	22617	58010	92142	25500	37400	82625		
Finningley	360	32712	63018	93045	11506	35000	81825	83075	
Dishforth	261	62516	80028	90745	52502	36000	85822	84070	
Tynemouth	262	62517	61022	88643	3567+	33211	83630	86358	
Eskdalemuir	162	72210	80858	88437	734++	35208	87912		
Mull of Galloway	131	42734	80011	90643	34502	36211	82620	83075	
Prestwick	135	72619	66258	88043	69463	37210	83918	85822	
Renfrew	141	72913	59808	87441	69463	36216	81712	86922	
Leuchars	171	72611	82012	84440	38432	36220	81712	83365	86070
Dyce	091	72716	82022	82642	19532	31215	81920	87070	
Wick	075	62514	74018	82139	29463	35222	82915	86070	
Cape Wrath	049	62718	82028	79841	695++	41221	86925		
Sule Skerry	010	73209	82028	79144	734++	39226	87915		
Lerwick	005	62808	81028	75239	49403	38220	82915	83070	
Stornoway	026	62711	80158	82043	49461	36713	83918	83075	
Benbecula	022	72815	74158	83344	39402	34211	83918	86072	
Tiree	100	62718	80158	85043	694++	36209	82916	84818	
Aldergrove	917	22517	66011	90339	19402	36803	81712	81920	
Malin Head	980	62216	74258	88544	595+3	37306	85925	86070	
Belmullet	976	70904	78258	88940	5956+	38713	85918	87360	
Birr	965	61909	82031	92142	18502	34719	81922	86072	
Collinstown	969	22413	85011	92140	13542	32706	81922		
Rineanna	962	71710	89038	90941	13573	36829	81920	85460	87070
Roches Point	952	71706	77258	92943	694+2	38736	85918	86635	87069
Valentia	953	82010	62648	90242	875++	40742	88720		

OBSERVATIONS at 18h. 5 December 1960

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775	11802	33051	95239	10931	34709	81399		
London Airport	772	51504	20051	94838	15704	33712	81656	85070	
Gatwick	776	52002	58011	95139	00902	35712	85070		
Thorney Island	871	20000	59011	95141	19503	39613	81920		
Hurn	862	20000	22041	95036	18503	33714	81825		
Guernsey	894	31915	82018	95945	32400	40722	83816		
Felixstowe	697	02507	56011	95544	00900	41708			
Gorleston	497	02109	60010	95939	00900	37702			
Mildenhall	578	02007	58011	95139	00900	34605			
Cardington	559	21906	58020	94936	24600	34704	82640		
West Raynham	485	22208	61011	94636	00902	34707	82070		
Wittering	462	02208	56011	94235	00900	33703			
Boscombe Down	746	11704	61021	95336	00902	34712	81070		
Ross-on-Wye	627	10000	57021	93238	00901	34708	81072		
Bristol	628	01403	11040	94536	00900	35709			
Aberporth	502	61510	82038	91139	12546	35717	81820	86275	
Rhoose (Cardiff)	715	11806	66018	93443	12500	37615	81820		
Plymouth	827	21713	27048	92144	22500	40725	82820		
Chivenor	707	21008	74021	92240	28500	37719	81825		
St. Mawgan	817	812121	74028	91141	12507	39729	81820	88270	
Culdrose	809	71605	60028	91544	48478	39735	82713	84818	
Scilly	804	82916	58636	89843	864++	43840	88712		
Elmdon	534	11909	28041	94138	00901	35605	81070		
Shawbury	414	10000	58108	92733	19503	32708	81920		
Manchester	334	11811	56021	92637	14600	33804	81640		
Squires Gate	318	51909	56258	91442	48502	36501	83822		
Valley	302	42703	82011	90441	32502	39608	83820	83075	
Ronaldsway	204	22707	86018	91041	22500	35802	82820		
Silloth	214	22808	79020	90241	28500	36305	82822		
Watnall	354	02102	23011	93536	00900	35203			
Spurn Head	396	22612	48010	93041	25500	36400	82625		
Finningley	360	32203	40041	92938	10931	35602	81360	83075	
Dishforth	261	11807	58058	91639	12500	35301	81825		
Tynemouth	262	02607	32011	90541	00900	33212			
Eskdalemuir	162	12206	80011	90633	14500	32108	81622		
Mull of Galloway	131	42510	80031	89741	44500	36400	84620		
Prestwick	135	72413	80038	88744	49563	36104	84924	83359	
Renfrew	141	12305	56048	88239	12500	34108	81822		
Leuchars	171	12611	74021	86335	00901	32114	81070		
Dyce	091	22504	80011	85436	15701	30218	81656		
Wick	075	32509	82038	83636	12[illegible]02	34220	81815	83070	
Cape Wrath	049	42302	83018	83439	45600	39222	84630		
Sule Skerry	010	73405	84028	81943	734++	39217	87915		
Lerwick	005	53203	81022	79436	39403	34224	83915	85070	
Stornoway	026	72406	74218	85038	785++	37218	81825	87642	
Benbecula	022	73113	74258	86242	794++	37317	82715	87922	
Tiree	100	33112	86158	87241	39400	36216	81918		
Aldergrove	917	31805	66011	90336	35500	34205	83622		
Malin Head	980	21807	74018	89138	12503	34310	81822		
Belmullet	976	80000	62616	90238	864++	37218	85712	88719	
Birr	965	81103	61616	88639	3742+	37609	82715	83635	88458
Collinstown	969	71202	61031	90037	30932	32608	83360	87070	
Rineanna	962	82006	80026	87844	864++	38502	86716	88630	
Roches Point	952	72706	74016	87541	25472	39614	81715	87070	
Valentia	953	63401	62818	88242	635++	40303	86922		

OBSERVATIONS during DAY

Station	iii	RRT_xT_xE	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Kew	775	97471	059 +	1F	
London Airport	772	00471	054 +	+	
Gatwick	776	00471	055 +	+	
Thorney Island	871	00501	055 +	+	
Hurn	862	94481	+	prpr$_o$	
Guernsey	894	08461	001	pr$_o$prpr$_o$	+
Felixstowe	697	00460	047 +	+	
Gorleston	497	00441	054 +	+	
Mildenhall	578	00450	042 +	+	
Cardington	559	97462	038 +	+	
West Raynham	485	97423	018 +	+	
Wittering	462	00441	049 +	+	
Boscombe Down	746	00471	047 +	+	
Ross-on-Wye	627	00451	041 +	+	
Bristol	628	91471	036 pr$_o$	+	
Aberporth	502	97461	035 pr$_o$	+	
Rhoose (Cardiff)	715	94472	047 pr$_o$	+	
Plymouth	827	93471	037 pr	ir	
Chivenor	707	00471	047 +	+	
St. Mawgan	817	02471	048 pr$_o$	irIRir	
Culdrose	809	07492	024 pr$_o$ph$_o$	pr$_o$r$_o$r$_o$	
Scilly	804	04482	023 pr	pr$_o$irr$_o$r$_o$ir$_o$pr	
Elmdon	534	00431	030 +	+	
Shawbury	414	92453	034 pr$_o$	pr$_o$	
Manchester	334	00451	057 +	+	
Squires Gate	318	94461	040 pr$_o$prh	pr$_o$	
Valley	302	02461	037 +	prhirpr$_o$	
Ronaldsway	204	97461	036 pr$_o$	+	
Silloth	214	00442	040 +	+	
Watnall	354	00441	044 +	+	
Spurn Head	396	00430	057 +	+	
Finningley	360	00453	031 +	+	
Dishforth	261	91461	046 pr$_o$	+	
Tynemouth	262	00441	+++ +	+	
Eskdalemuir	162	04393	018 pr$_o$s$_o$prspr$_o$	+	
Mull of Galloway	131	00441			
Prestwick	135	02441	010 ph$_o$pr$_o$	+	
Renfrew	141	01432	000 pr$_o$pr	pr$_o$	
Leuchars	171	00431	023 +	+	
Dyce	091	00421	018 +	+	
Wick	075	91411	020 prpr$_o$	+	
Cape Wrath	049	04452	pr	pr	
Sule Skerry	010	00452			
Lerwick	005	93432	pr$_o$	+	
Stornoway	026	05432	019 pr$_o$	pr$_o$rrpr$_o$h$_o$	
Benbecula	022	05451	009 pr$_o$	pr$_o$pr	
Tiree	100	97451	010 pr$_o$jp	pr$_o$jp	
Aldergrove	917	00401	035 +	+	
Malin Head	980	0145	000		
Belmullet	976	0342	000		
Birr	965	0142	025		
Collinstown	969	9743	030		
Rineanna	962	0244	010		
Roches Point	952	0546	012		
Valentia	953	0744	001		

Code FM 21.A

OCEAN WEATHER STATION REPORTS at 12h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_s$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
A	20612	33212	72008	75158	00836	5941+	00302	+++++	+++++	06030	12021
B	20565	51012	83221	65858	09336	885++	00207	86830	83640	05227	13035
C	20528	35512	72918	69152	17839	58430	00202	83815	86369	05834	12856
D	20440	41012	72021	63028	13163	773++	00303	87708	+++++	00561	12235
I	20589	19112	73431	96858	90739	734++	00334	84915	87630	06233	18261
J	20523	19612	63432	97808	97042	694++	00340	83915	83820	05836	13437
K	20449	15812	72937	70258	12054	48542	61310	83823	83075	05345	13046
M	23657	02022	70640	70028	79141	59470	82245	83815	+++++	05634	15642

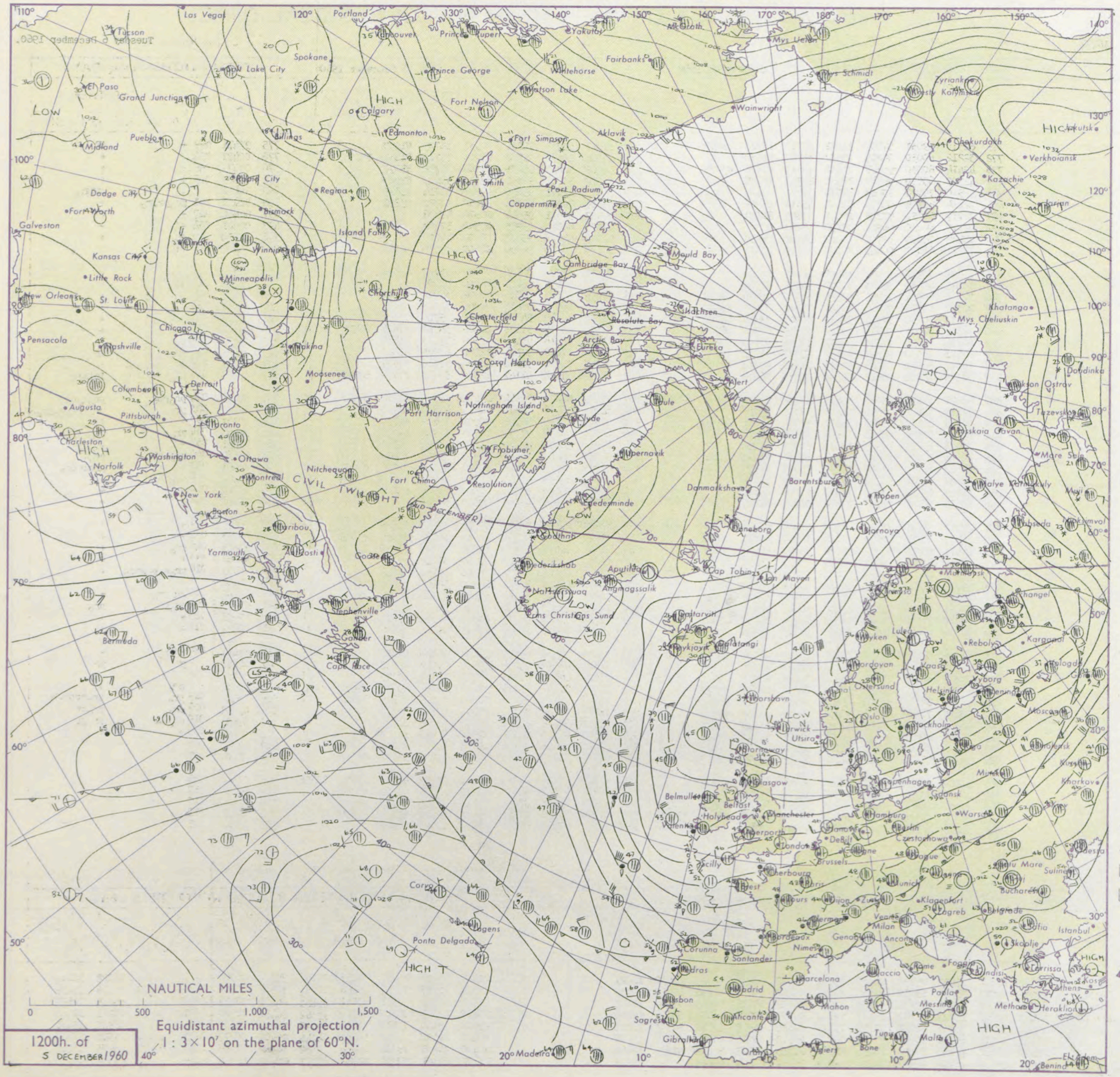
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_s$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
A	20621	33218	73203	80158	00036	795++	00708	+++++	+++++	06028	100++
B	20565	51018	73244	65858	10035	78500	00305	83825	85640	05326	13035
C	20528	35518	32512	69011	14841	28431	00615	82815	+++++	05635	12655
D	20440	41018	82320	59508	12362	8042+	00500	88512	+++++	00261	12246
I	20591	19118	73632	97858	94738	694++	71115	86912	+++++	06331	13661
J	20526	20118	23332	98018	04145	29400	00237	82918	+++++	05535	18440
K	20450	16018	73134	65252	12952	38542	71207	82823	86073	05439	13048
M	23660	02018	80538	70852	89137	894++	81240	88910	+++++	05927	15544

All times of observation printed in this publication are GREENWICH MEAN TIME.

SIR GRAHAM SUTTON, C.B.E., D.Sc., F.R.S., Director General. Meteorological Office, Air Ministry, Kingsway, London, W.C.2

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WEST EUROPE

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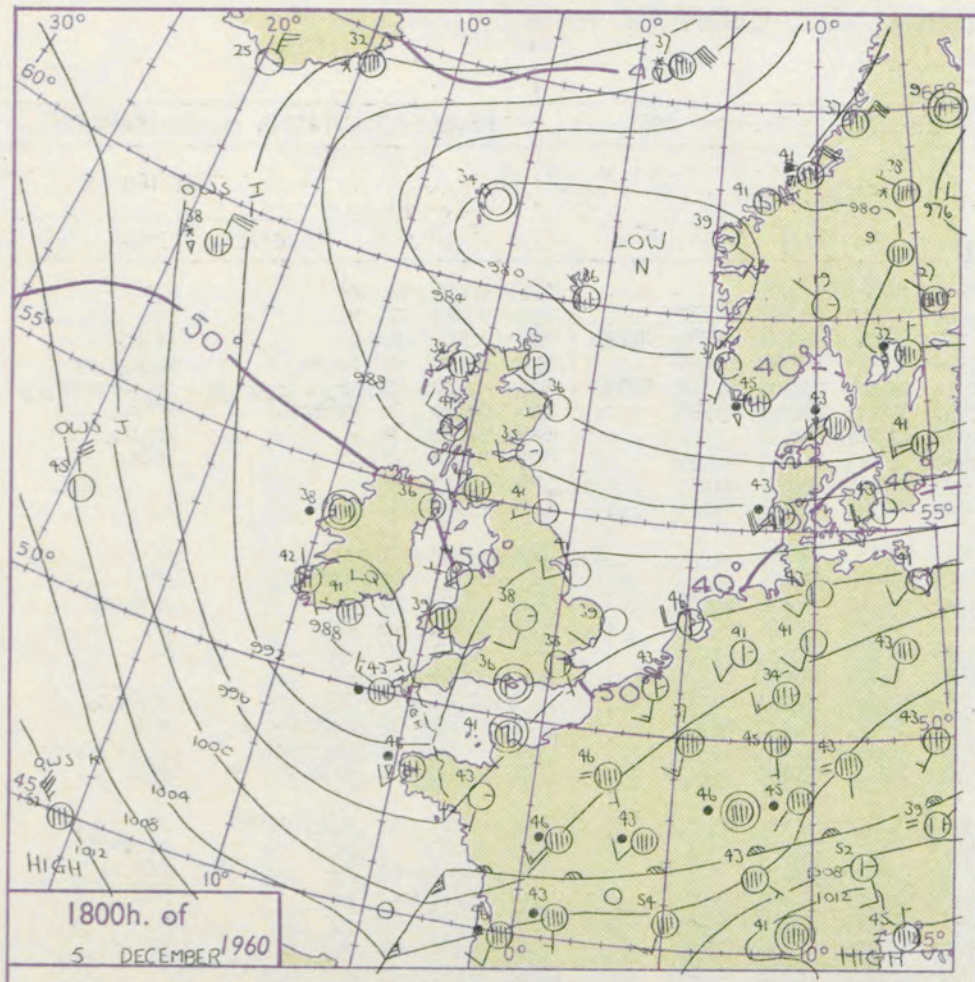

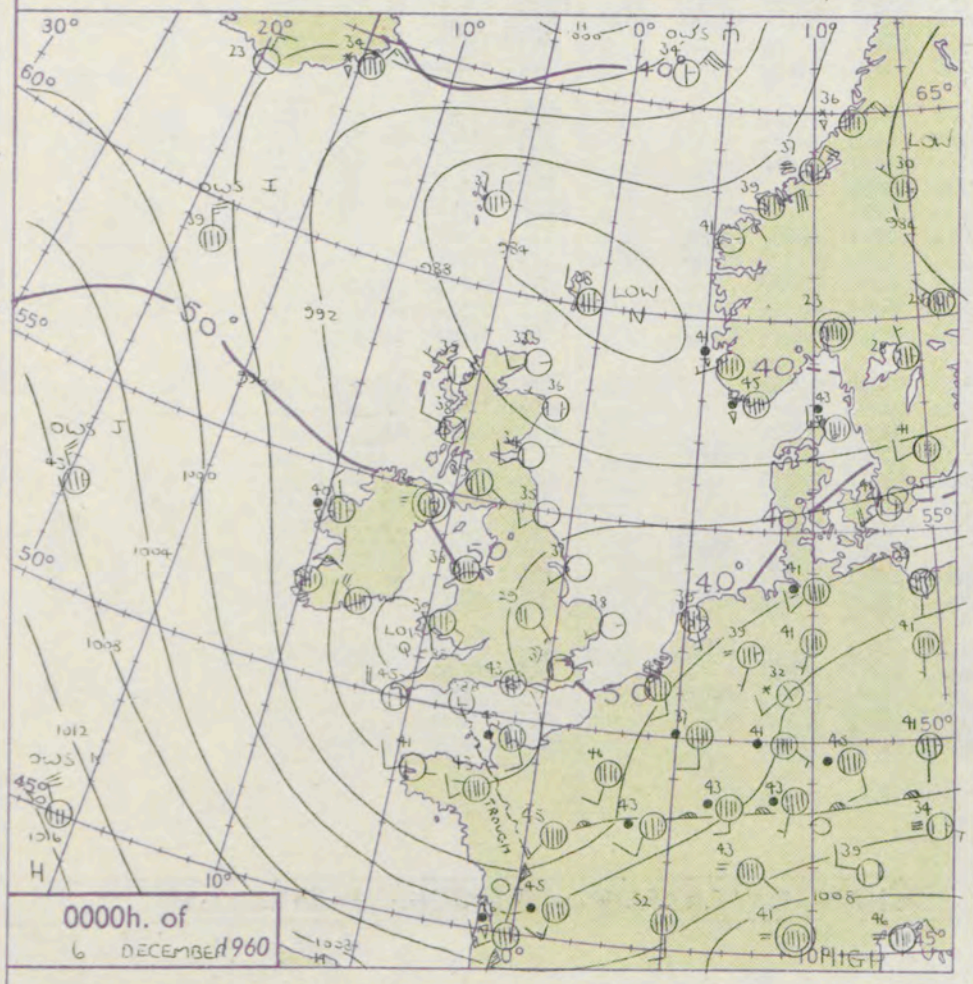

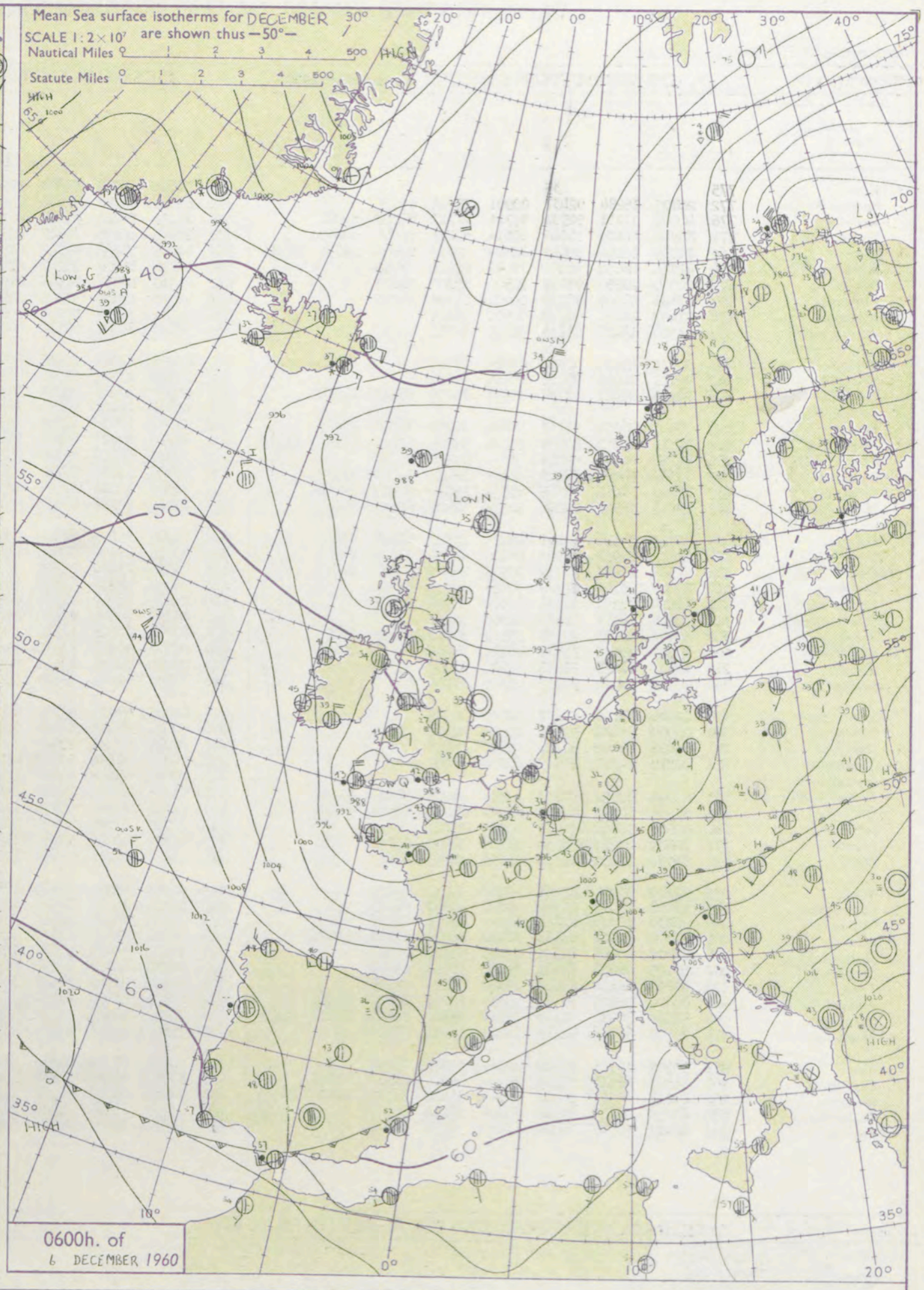

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Tuesday 6 December 1960

A depression off south Norway filled slowly without much movement, while another depression forming near the west coast of Ireland moved southeastwards to the English Channel. This depression will move eastwards, possibly with another centre forming ahead of it over the continent. A weak ridge of high pressure will move southeastwards from the Atlantic to western districts of the British Isles.

FORECAST for Great Britain and Northern Ireland until noon tomorrow

Southeastern districts of England will be dull with occasional rain which will clear only slowly from the west during the night. A few fog patches in northern England may persist throughout the afternoon. Otherwise there will be bright periods this afternoon with only a few scattered showers over exposed coasts and hills. The weather will be mostly dry tonight, but fog will occur widely clearing only slowly tomorrow. It will be cold with slight air frost at night.

OUTLOOK for the next 48 hours.

Milder weather with periods of rain spreading from the west, but cold in eastern districts at first.

Code FM 11.A — OBSERVATIONS at 00h. 6 December 1960

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775			35					
London Airport	772	20805	15284	92437	00901	35716	82075		
Gatwick	776	40000	14111	92931	15701	31717	81650	84070	
Thorney Island	871	80904	66606	91840	6562+	39717	86640	88460	
Hurn	862	71005	62258	90643	4853+	40723	82825	83650	86362
Guernsey	894	82114	66636	90442	763++	40714	87709		
Felixstowe	697	20000	28030	93841	22500	34709	82820		
Gorleston	497	12406	58020	95038	00901	34706	81075		
Mildenhall	578	01407	28100	93832	00900	31711			
Cardington	559	01504	14100	93133	00900	31611			
West Raynham	485	01805	40020	93730	00900	29706			
Wittering	462	02101	04460	93231	00900	31611			
Boscombe Down	746	70806	28101	91734	3567+	33719	83640	87360	
Ross-on-Wye									
Bristol	628	70908	48031	91737	5567+	32709	85630	85362	
Aberporth	502	71311	80012	89039	3567+	35506	83640	83359	87462
Rhoose (Cardiff)	715	71010	60031	90243	756++	39718	87632		
Plymouth	827	80307	56636	88440	473++	38806	84708	88718	
Chivenor	707	81406	62626	88541	855++	39614	82613	88626	
St. Mawgan	817	82813	74258	88043	5257+	38506	85826	88459	
Culdrose	809	73010	74506	89441	4847+	38503	83818	88458	
Scilly	804	52818	79258	88545	58400	38602	83812	84618	
Elmdon	534	41307	20040	92729	10931	26710	81364	84070	
Shawbury	414	70000	23101	91930	7095+	30603	87366		
Manchester	334	71104	32051	92534	00908	32500	87275		
Squires Gate	318	01008	13041	91532	00900	31302			
Valley	302	80902	80038	90338	555+7	37502	85626	88270	
Ronaldsway	204	80207	86031	91337	2452+	34202	82625	88460	
Silloth	214	11402	64021	91634	10940	33108	81359		
Watnall	354	00000	08424	92832	00900	31704			
Spurn Head	396	02404	57010	92637	00900	34606			
Finningley	360	00000	04484	92930	00900	30602			
Dishforth	261	01602	09460	92731	00900	30203			
Tynemouth	262	02510	32020	91935	00900	32207			
Eskdalemuir									
Mull of Galloway	131	62704	80022	91137	4551+	34204	84620	86460	
Prestwick	135	61305	80021	90739	685++	35210	83825	84650	
Renfrew	141	02601	58048	90639	00900	35213			
Leuchars	171	22609	28040	88734	15702	32208	81656		
Dyce	091	52907	82030	88336	45601	31213	84635		
Wick	075	12510	83021	87033	12560	32217	81820		
Cape Wrath	049	43209	86018	86942	43500	40220	82925		
Sule Skerry	010	32809	85018	85744	325++	39221	83825		
Lerwick	005	73010	81022	83838	38432	36219	81817	82640	
Stornoway	026	22805	80158	89135	29400	35220	82918		
Benbecula	022	42105	74258	89438	39563	36218	83922		
Tiree	100	22808	86150	89438	23400	35105	82918		
Aldergrove	917	80000	56101	91832	1561+	32209	81630	88460	
Malin Head	980	42107	80031	91136	32501	33210	83824	84070	91838
Belmullet	976	73109	66806	92540	734++	36211	87918		
Birr	965	93509	16736	91134	9+0++	34217	89+02		
Collinstown	969	83303	66616	90239	864++	36305	84715	88620	
Rineanna	962	83613	66585	91936	884++	34224	81710	83820	88640
Roches Point	952	83225	74022	89340	863++	38214	88707		
Valentia	953	80217	66808	94042	834++	38234	88918		

OBSERVATIONS at 06h. 6 December 1960

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775	70608	56022	90340	755++	38710	87625		
London Airport	772	60509	21042	89638	60932	37714	86360	84070	
Gatwick	776	80807	37024	89337	26337	37714	81702	85360	88270
Thorney Island	871	80403	66636	88542	6552+	42609	86622	88538	
Hurn	862	80609	58658	87342	6552+	40718	81712	86621	88550
Guernsey	894	62408	84258	90242	69460	37400	82810	85916	
Felixstowe	697	81510	66031	91645	855++	41712	88620		
Gorleston	497	41210	62030	93245	22505	40714	82824	83275	
Mildenhall	578	80804	37101	92731	35807	30705	83657	88275	
Cardington	559	80306	14101	91532	8097+	30805	83360	88465	
West Raynham	485	40906	17284	93032	00906	31705	84275		
Wittering	462	80408	03484	92729	00907	29400	88270		
Boscombe Down	746	80610	40616	89338	451++	36608	84702	88625	
Ross-on-Wye	627	80704	24021	90234	7643+	32605	87710		
Bristol	628	80512	58032	89238	3552+	36505	83625	88462	
Aberporth	502	80710	80022	89641	5567+	37307	85640	87358	
Rhoose (Cardiff)	715	80712	58216	89139	874++	37400	82708	88710	
Plymouth	827	50406	59036	87737	23532	35602	82920	83072	
Chivenor	707	71008	82016	87838	1853+	36601	81820	87362	
St. Mawgan	817	72910	80258	87043	59400	38805	81915	85640	
Culdrose	809	62704	64258	88339	5343+	37804	83912	85816	
Scilly	804	83330	61626	88943	854++	39302	88612		
Elmdon	534	43506	F3484	92527	00902	27302	84070		
Shawbury	414	70000	12112	92329	15638	29303	81640	86362	
Manchester	334	80608	48052	92535	8097+	32400	81360	88468	
Squires Gate	318	80709	28041	92434	2561+	32205	82635	88465	
Valley	302	80703	80022	91339	2561+	36309	82630	88462	
Ronaldsway	204	80107	80227	92939	5561+	36210	81625	85640	88465
Silloth	214	70404	05464	93430	00906	29111	87272		
Watnall	354	70000	02464	93031	00906	30302	87275		
Spurn Head	396	00000	48020	93239	00900	36204			
Finningley	360	00000	F4484	93427	00900	26102			
Dishforth	261	90000	F6494	93728	9+0++	27308	89+01		
Tynemouth	262	02307	48020	93235	00900	31208			
Eskdalemuir	162	00000	03444	94726	00900	25213			
Mull of Galloway	131	81406	72032	92840	4541+	38211	84618	88460	
Prestwick	135	71106	80021	92832	12536	31210	81825	83363	87075
Renfrew	141	30000	20040	92829	30930	28211	83362		
Leuchars	171	22607	66010	91432	15702	30213	81650		
Dyce	091	52705	82028	91634	18502	31217	81825	85070	
Wick	075	22512	83020	90134	12460	32214	81815		
Cape Wrath	049	43209	86028	88743	42500	41203	84825		
Sule Skerry	010	62709	85018	88745	634++	38203	86915		
Lerwick	005	30000	81021	87635	18401	33221	81818	83070	
Stornoway	026	12406	80020	91433	19530	31212	81920		
Benbecula	022	20000	82018	92235	22500	34215	82922		
Tiree	100	50000	86258	91937	49403	34211	84918		
Aldergrove	917	81806	40402	93734	1572+	34112	81650	88458	
Malin Head	980	72510	64808	93439	725++	36315	87821		
Belmullet	976	73607	74018	93941	735++	37315	84920	87636	
Birr	965	80000	66027	94434	854++	34213	83712	88624	
Collinstown	969	83408	59587	93337	864++	35217	88713		
Rineanna	962	32906	80018	95037	23502	35209	82920	83070	
Roches Point	952	73320	74036	94739	754++	36227	82710	87645	
Valentia	953	53520	70038	79245	59500	33213	85921		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Kew	775	97351	21	FF	r_or_o
London Airport	772	92341	27	if	ir_o
Gatwick	776	02301	24	f	fr_or_o
Thorney Island	871	09392	31	ir_opr_o	$pr_or_or_orr$
Hurn	862	07402	36	$pr_oprir_opr_opr_o$	$pr_oiRrrRRr_or_o$
Guernsey	894	08411	36	rriRpr	pr_ir_o
Felixstowe	697	97372	29	+	ir_oir_o
Gorleston	497	97312	28	+	$irir_o$
Mildenhall	578	00303	21	+	+
Cardington	559	97304	26	+	f
West Raynham	485	97273	21	ff	ff
Wittering	462	00273	20	ifff	FFff
Boscombe Down	746	05322	28	+	r_or_orr
Ross-on-Wye	627	00331	22	+	+
Bristol	628	00341	23	+	+
Aberporth	502	00391	34	+	+
Rhoose (Cardiff)	715	02382	37	ir_o	$ir_or_or_o$
Plymouth	827	12341	30	$RRrrid_o$	pr_o
Chivenor	707	07372	36	$irrrr_or_o$	ir_orrir_o
St. Mawgan	817	02392	37	irpr	prpR
Culdrose	809	02361	++	$r_or_oid_oidr$	pr_o
Scilly	804	03412		pr	prirrrir
Elmdon	534	00261	22	ff	ffFFff
Shawbury	414	00273	21	+	Fff
Manchester	334	97333	29	+	+
Squires Gate	318	00313	26	+	+
Valley	302	00381	32	+	+
Ronaldsway	204	01341	30	+	$r_os_oir_o$
Silloth	214	00263	21	+	ff
Watnall	354	00293	20	fFFf	ff
Spurn Head	396	00360		+	+
Finningley	360	00263	25	FF	FF
Dishforth	261	00271	23	ffFF	FF
Tynemouth	262	00331	25	+	+
Eskdalemuir	162	00213	18	ff	ffjf
Mull of Galloway	131				
Prestwick	135	00311	28	+	+
Renfrew	141	97273	23	pr_o	f
Leuchars	171	00313	26	+	+
Dyce	091	97313	22	pr_o	+
Wick	075	92324	29	pr_o	+
Cape Wrath	049	01412	38	pr	pr
Sule Skerry	010	01421	39		
Lerwick	005				
Stornoway	026	01313	26	pr_opr	+
Benbecula	022	01331	25	phr	jp
Tiree	100	02351	28	prprh	pr_o
Aldergrove	917	97291	28	+	f
Malin Head	980	01341	30		
Belmullet	976	01341	30		
Birr	965	16326	30		
Collinstown	969	24352	25		
Rineanna	962	92341	30		
Roches Point	952	97381	35		
Valentia	953	04401	37		

Code FM 21.A — OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_s$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$I_dd_wd_wP_wH_wH_w$
A	30620	33000	62005	75158	97737	49460	31720	+++++	+++++	05832	100+0
B	30565	51000	82925	65858	14034	885++	00127	86820	83630	05423	13147
C	30528	35500	62319	69022	11542	42460	00719	84815	+++++	05234	12645
D	30440	41000	82320	63024	12062	864++	00605	88713	+++++	00260	12146
I	30590	19300	63424	98268	97139	6256+	71011	86820	+++++	06228	18360
J	30527	20400	73225	98258	06943	49462	00103	84918	+++++	05736	13349
K	30451	16200	73232	70258	14950	49543	71205	83923	85076	05743	13148
M	33661	02100	30336	70011	95234	32400	81117	83815	+++++	06225	15344

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_s$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$I_dd_wd_wP_wH_wH_w$
A	30621	33106	71818	80802	90139	49508	00743	+++++	+++++	05730	11833
B	30565	51006	73229	65858	14930	72500	00207	87820	+++++	05823	13147
C	30528	35506	72315	69258	06842	1243+	00727	81815	87359	05238	12645
D	30440	41006	82317	63502	10763	864++	00400	88715	+++++	00562	12246
I	30591	19006	63222	98028	96941	625++	00305	86820	+++++	05932	18350
J	30528	20206	62926	97158	05644	69463	00813	86918	+++++	05636	12949
K	30452	16306	73114	70028	14052	48507	31705	82823	83639	05441	13148
M	33662	02306	50132	70261	09134	59400	52217	83910	+++++	05319	15242

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H.M.S.O. Press, M.O. Dunstable.

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 36175

Date of Issue Wednesday 7 December 1960

Code FM 11.A — OBSERVATIONS at 12h. 6 December 1960

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775	80704	14636	91343	6732+	41209	86707	88520	
London Airport	772	80608	13636	91043	873++	41208	88708		
Gatwick	776	82002	56016	91241	17478	41215	81712	85465	
Thorney Island	871	63601	62256	90944	59403	41013	83912	83640	86070
Hurn	862	70000	56046	90543	29432	41116	81710	86075	81920
Guernsey	894	52607	84158	90643	49402	38000	83812	83920	
Felixstowe	697	81810	63606	91945	354++	43501	83612	84625	88635
Gorleston	497	60912	62038	93847	42505	42101	84824	86275	
Mildenhall	578	70707	56022	92842	6567+	38800	86635	87460	
Cardington	559	80406	40258	92539	6267+	37802	82830	84630	88460
West Raynham	485	70609	59021	93641	33578	38003	81920	85359	87272
Wittering	462	70414	37014	93639	5562+	35102	85635	87466	
Boscombe Down	746	80809	69606	90938	4637+	37214	84708	86620	88358
Ross-on-Wye	627	70509	17102	92840	6643+	36112	86710		
Bristol	628	80311	20616	91938	5722+	37214	85705	88518	
Aberporth	502	70407	66022	94141	1157+	35116	81820	83362	87465
Rhoose (Cardiff)	715	70613	30616	92040	6734+	38216	83709	86620	87458
Plymouth	827	70311	61041	90741	6847+	37218	81712	86630	87460
Chivenor	707	70308	61606	91943	4557+	39223	81613	83620	88459
St. Mawgan	817	70317	74018	91941	3577+	39135	81708	83650	87460
Culdrose	809	50112	69022	91644	4943+	40229	81915	84360	
Scilly	804	83536	61636	94343	4742+	41227	84710	88550	
Elmdon	534	70207	17284	94136	7097+	34210	83358	86362	
Shawbury	414	73506	19104	94935	40978	33213	84463	87270	
Manchester	334	70104	07044	94539	25778	34109	82656	85460	87270
Squires Gate	318	70807	23042	95235	50972	34009	85362	84465	87070
Valley	302	70604	82022	94742	12572	40212	81820	84463	87070
Ronaldsway	204	60107	52102	95839	12531	37212	81820	86075	
Silloth	214	60702	28104	96131	20936	30209	82360	85072	
Watnall	354	70306	04464	94734	10938	31203	81360	87270	
Spurn Head	396	33308	F9444	94837	35500	36205	83625		
Finningley	360	93506	F8434	95732	9+0++	32005	89+01		
Dishforth	261	80902	01484	96130	40932	29008	84359	88075	
Tynemouth	262	22708	10104	96238	20970	33215	82358		
Eskdalemuir	162	70000	82034	97129	20948	28211	82364	87272	
Mull of Galloway	131	83206	80022	94740	4542+	35219	81618	88460	
Prestwick	135	71304	56042	95340	18568	37110	81820	87275	
Renfrew	141	50000	02464	95835	10931	33211	81360	85070	
Leuchars	171	72603	74021	94840	10931	34112	81359	87070	
Dyce	091	62806	80011	94640	18532	32212	81820	86070	
Wick	075	52513	86021	93338	38402	35210	81815	84070	
Cape Wrath	049	52318	86012	92544	18506	39224	81825	84270	
Sule Skerry	010	72809	84028	91346	434+5	36219	84915		
Lerwick	005	60000	82031	91044	29462	39115	82918	86070	
Stornoway	026	12306	80011	94140	19500	35109	81920		
Benbecula	022	31808	85152	95039	23501	36212	81924		
Tiree	100	50000	80158	95240	4943+	36109	81712	83918	
Aldergrove	917	71601	F9464	96435	362++	35211	83704	87710	
Malin Head	980	72909	82808	96142	734++	39111	87918		
Belmullet	976	52906	80218	97740	534++	37217	85919		
Birr	965	50000	58102	97437	38502	35216	81823	83632	85074
Collinstown	969	73208	69216	96139	7843+	36110	81814	87640	
Rineanna	962	23408	82018	97843	23340	39214	81809	82920	
Roches Point	952	43320	75018	97343	38401	37210	81818	83630	
Valentia	953	53515	74018	99746	53503	34108	85923		

OBSERVATIONS at 18h. 6 December 1960

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775	82103	08446	93940	873++	39315	88706		
London Airport	772	70000	12106	93739	762++	38216	87704		
Gatwick	776	70000	01464	93535	40971	35215	84465	87070	
Thorney Island	871	30202	66011	93640	14652	40217	81630	83070	
Hurn	862	30106	40288	93739	28501	37222	81825		
Guernsey	894	30105	82018	93642	19463	37221	81915		
Felixstowe	697	80501	56036	93944	455++	41212	84619	88656	
Gorleston	497	60712	62216	95045	654++	41208	86619		
Mildenhall	578	70707	58028	94342	3567+	40312	81713	83635	87358
Cardington	559	80406	32036	93842	655++	40215	86623	88640	
West Raynham	485	81205	58038	95240	66307	39314	86709	88280	
Wittering	462	50312	40042	95039	55500	37212	85625		
Boscombe Down	746	13503	48011	94537	15501	36220	81620		
Ross-on-Wye	627	83606	17102	95639	864++	34216	88715		
Bristol	628	80310	19616	95040	873++	38218	88707		
Aberporth	502	61204	58032	97042	45531	35218	84620	83070	
Rhoose (Cardiff)	715	80209	32046	95641	5547+	38220	85618	86630	88358
Plymouth	827	63610	48016	95043	65500	40224	86626		
Chivenor	707	83510	56506	95743	454++	40325	84613	88622	
St. Mawgan	817	33512	66016	96342	32400	37120	83818		
Culdrose	809	43415	66018	96743	22432	36223	81710	83070	
Scilly	804	43418	74018	97744	42400	37217	84818		
Elmdon	534	73610	07444	96135	762++	34214	87704		
Shawbury	414	53408	11282	97134	00902	33215	85070		
Manchester	334	30207	04044	96835	3093+	32212	83360		
Squires Gate	318	50803	14044	97333	10938	30113	81362	85270	
Valley	302	73602	59042	97337	12532	36114	81820	83363	97070
Ronaldsway	204	30305	59041	97735	38500	33210	81820	83645	
Silloth	214	70000	12101	97731	40942	31210	84363	87070	
Watnall	354	20202	13104	96235	20930	34110	82360		
Spurn Head	396	10714	59014	95939	15500	36210	81620		
Finningley	360	83306	11284	97032	50937	32307	85362	88270	
Dishforth	261	73409	22054	97133	00902	28106	87075		
Tynemouth	262	42705	10102	97538	4097+	33210	84358		
Eskdalemuir	162	20000	66011	98629	25600	28212	82640		
Mull of Galloway	131	83404	80032	96941	2147+	39207	82818	88360	
Prestwick	135	61305	44042	96935	12501	34209	81825	86070	
Renfrew	141	50000	01464	96933	00901	32207	85070		
Leuchars	171	52705	60042	96034	00902	31109	85070		
Dyce	091	50000	62041	97230	10942	28213	81358	85075	
Wick	075	12209	86011	95837	18400	32216	81815		
Cape Wrath	049	82313	82038	94142	875++	42214	88725		
Sule Skerry	010								
Lerwick	005	70000	82022	93136	6843+	36108	83818	86627	
Stornoway	026	52505	80801	95236	22570	34104	82820	85359	
Benbecula	022	62308	83022	95543	695++	34106	81920	86647	
Tiree	100	22805	83158	96636	19402	33207	81915		
Aldergrove	917	31503	19404	97833	26300	33208	82706		
Malin Head	980	32705	85028	97338	32400	35207	83817		
Belmullet	976	23408	80018	98640	23500	65203	82920		
Birr	965	00000	24121	99231	00900	37212			
Collinstown	969	72605	08464	98436	76100	34214	82701	86703	87640
Rineanna	962	13603	82010	99035	12500	34208	81820		
Roches Point	952	13311	80028	98940	18400	37110	81818		
Valentia	953	23603	74018	00442	22500	34205	82824		

OBSERVATIONS during DAY

Station	iii	$R_RT_xT_xE$	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Kew	775	02441	000	r_or_o	$ffid_o$
London Airport	772	03431	000	$ir_or_or_orr$	f
Gatwick	776	02431	000	r_or_orr	FF
Thorney Island	871	01471	024	pr_opR	f
Hurn	862	93461		pr_o	f
Guernsey	894	01481	021	pr_o	pr_o
Felixstowe	697	05462	000	$iRir_o$	r_or_orr
Gorleston	497	92472	000	+	$r_or_oir_o$
Mildenhall	578	02441	000	prh	ir_o
Cardington	559	92421	000	pr_oir_o	ir_o
West Raynham	485	92431	000	pr_o	pr_oir_o
Wittering	462	97411	001	+	ir_o
Boscombe Down	746	93421	018	ir_o	+
Ross-on-Wye	627	97411	000	+	ir_o
Bristol	628	06401	000	$ir_od_or_or_or_o$	rrr_or_o
Aberporth	502	00421	005	+	+
Rhoose (Cardiff)	715	02411	000	$r_or_od_od_orrr_or_oir_o$	
Plymouth	827	97431	012	ir_o	ir_o
Chivenor	707	01442	001	$ir_or_or_o$	$r_or_oir_oid_o$
St. Mawgan	817	95441	003	pr_oprir_o	+
Culdrose	809	03451	011	ir_opr_o	pr_oph_o
Scilly	804	04451	001	$rrpr_o$	pr_o
Elmdon	534	00381	003	ff	ff
Shawbury	414	00363	000	f	if
Manchester	334	97411	000	ff	ff
Squires Gate	318	00383	000	+	if
Valley	302	00451	011	+	+
Ronaldsway	204	00431	001	+	+
Silloth	214	00323	000	+	+
Watnall	354	00361	000	ff	ff
Spurn Head	396	00440	010	FF	+
Finningley	360	00331	000	FF	ff
Dishforth	261	00341	000	FFff	+
Tynemouth	262	00411		ff	ff
Eskdalemuir	162	00328	016	+	+
Mull of Galloway	131	97431			
Prestwick	135	00411	036	+	+
Renfrew	141	00383	008	F	F
Leuchars	171	00403	052	+	+
Dyce	091	00421	055	+	+
Wick	075	00403	038	+	+
Cape Wrath	049	92441		pr_o	pr_o
Sule Skerry	010	03461			
Lerwick	005	00453	022	+	+
Stornoway	026	97413	047	+	pr_o
Benbecula	022	00441	024	+	+
Tiree	100	93431	002	pr_o	pr_o
Aldergrove	917	97361	002	fFF	FFfFF
Malin Head	980	0344	023		
Belmullet	976	0443	004		
Birr	965	9741	032		
Collinstown	969	0141	007		
Rineanna	962	9443	044		
Roches Point	952	9743	020		
Valentia	953	9146	034		

Code FM 21.A — OCEAN WEATHER STATION REPORTS at 12h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_s$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
A	30621	32812	81924	75278	82839	4947+	00732	+++++	+++++	05632	11944
B	30565	51012	72924	65848	16132	72590	00305	87825	+++++	05627	13136
C	30528	35512	82927	69802	05943	6243+	00305	86810	+++++	05234	12645
D	30440	41012	83608	63615	16158	5742+	00241	85810	+++++	05256	12646
I	30591	18912	72815	97152	96243	784++	00809	81818	85656	05836	12855
J	30526	20212	73014	98158	04845	32507	00703	83820	87275	05538	12934
K	30449	16012	82611	70028	12652	4851+	71814	82820	88463	05439	10040
M	33659	01912	70234	70278	02334	59540	81111	82930	+++++	06221	15241

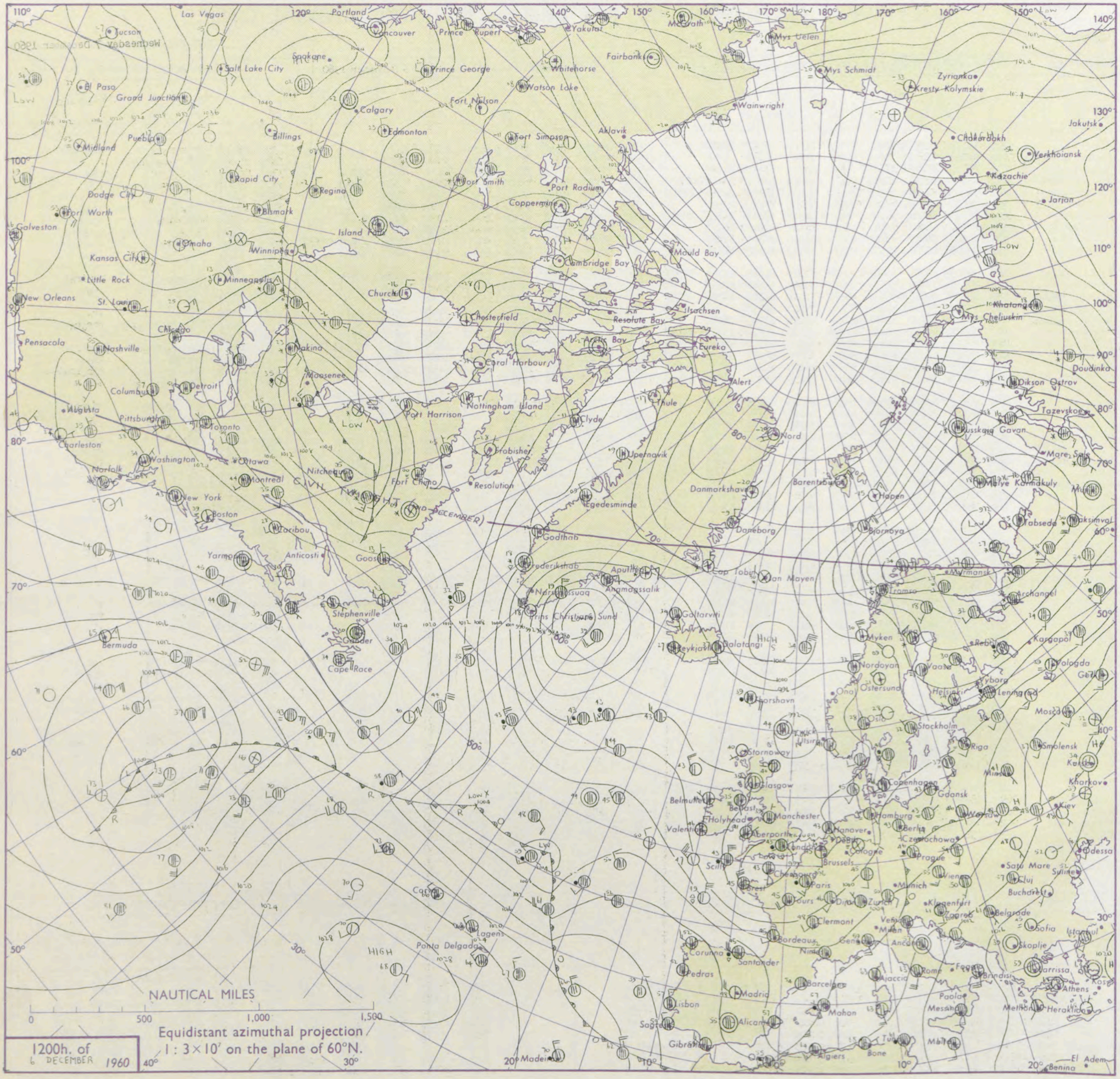
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_s$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
A	30622	32718	72424	75878	78434	6957+	00614	+++++	+++++	06227	12435
B	30565	51018	82725	65858	14230	855++	00719	88625	+++++	05820	13036
C	30528	35518	83238	65808	09540	824++	00322	88815	+++++	05630	12846
D	30440	41018	80215	65028	18755	6542+	00210	86618	88459	+++++	12446
I	30591	18818	82113	98022	92642	45507	00724	84625	88070	05833	18360
J	30525	20018	62414	98258	99544	21672	00622	82830	83457	05639	12622
K	30449	16018	82111	60616	05248	2752+	71734	82720	88459	05843	13135
M	33660	02018	30520	70021	05736	31500	41211	83830	+++++	06221	10548

All times of observation printed in this publication are GREENWICH MEAN TIME.

SIR GRAHAM SUTTON, C.B.E., D.Sc., F.R.S., Director General. Meteorological Office, Air Ministry, Kingsway, London, W.C.2

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



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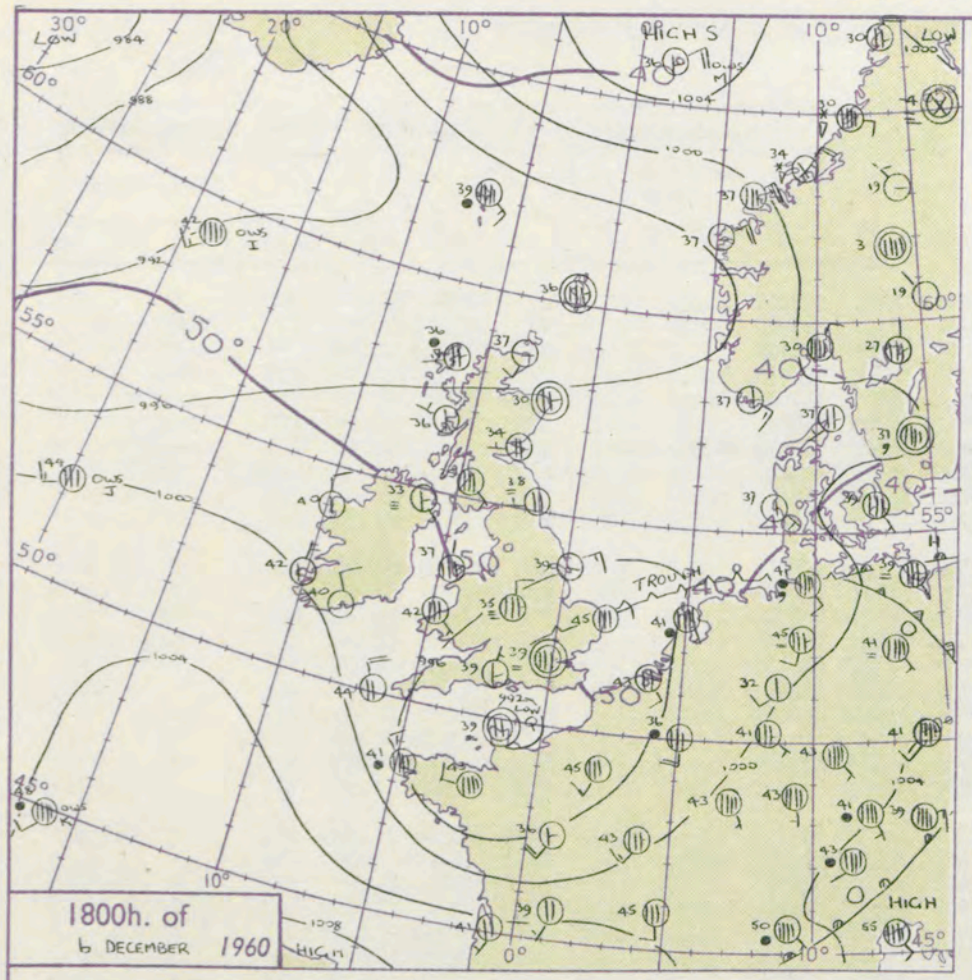

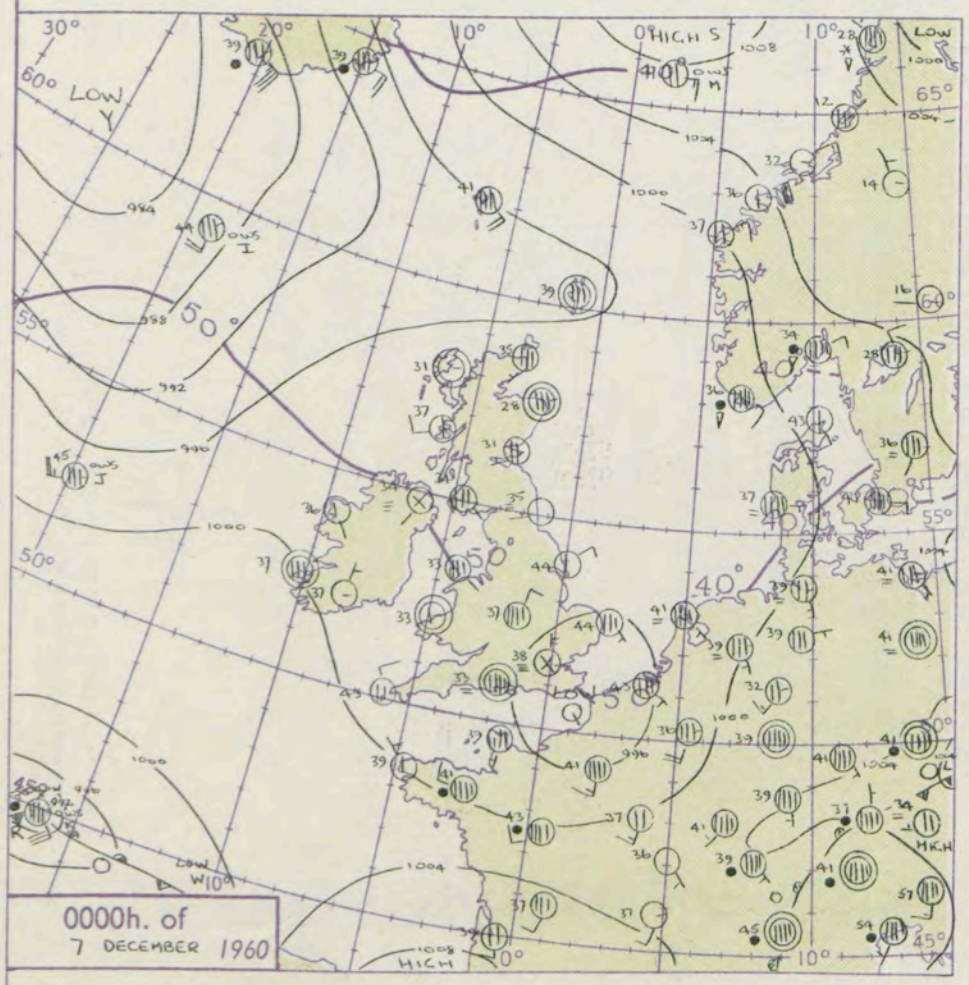

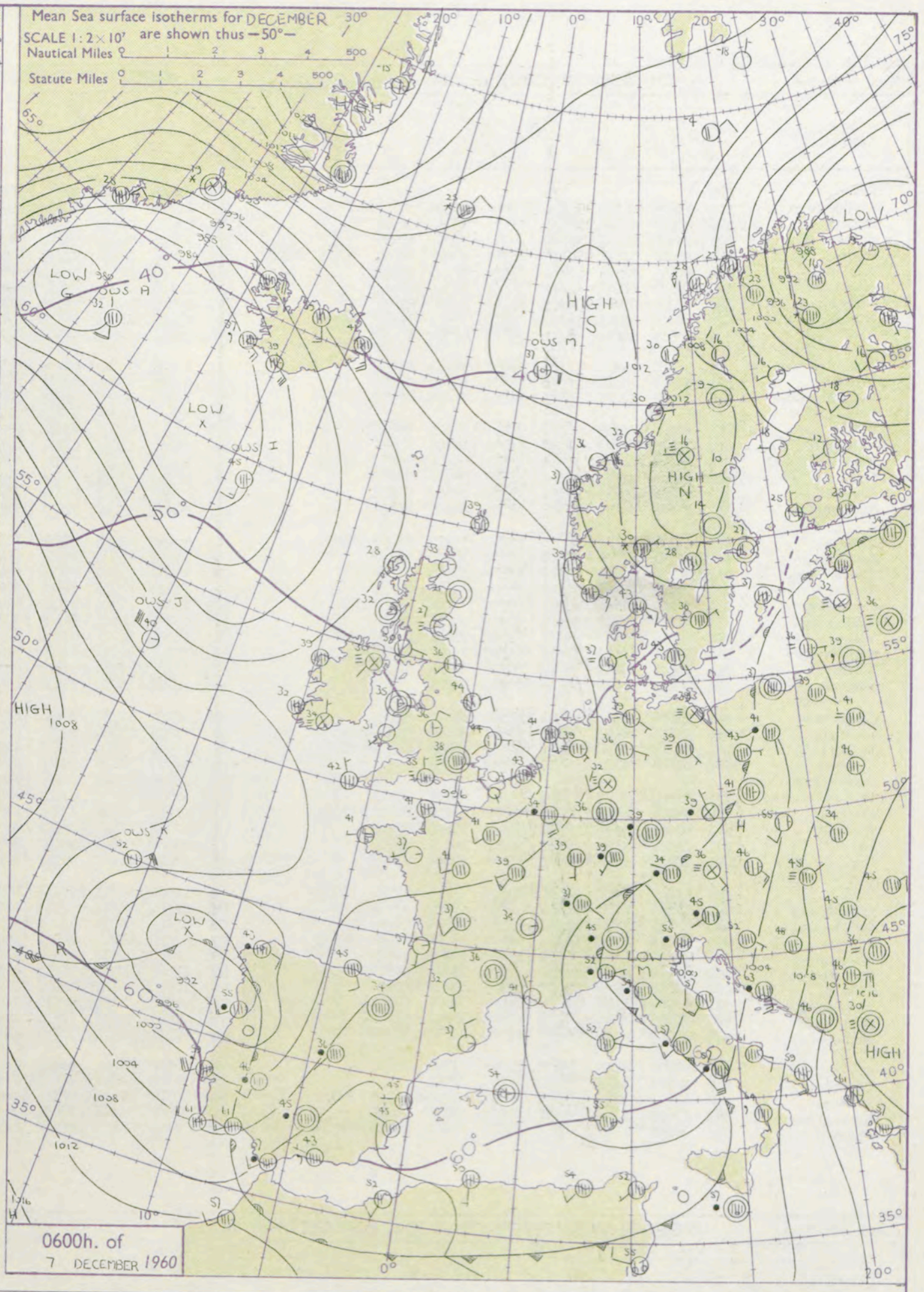

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Wednesday 7 December 1960

A depression over the English Channel moved slowly eastwards and filled while another depression east of Shetland also filled as an anticyclone developed to the north. With these changes pressure became almost uniform over the British Isles. A depression over the Atlantic will move southeastwards over the British Isles.

FORECAST for Great Britain and Northern Ireland until noon tomorrow

Bright periods in some areas and scattered showers chiefly on exposed coasts. Fog patches persisting in a few areas this afternoon and fog forming widely tonight, becoming dense in many places. In western districts the fog will clear during the night or tomorrow morning, but in the east fog may persist throughout the morning.

OUTLOOK for the following 24 hours.

Fog giving way to brighter weather with scattered showers.

Code FM 11.A

OBSERVATIONS at 00h. 7 December 1960

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775			38					
London Airport	772	93605	01474	95938	9+0++	38109			
Gatwick	776	93605	01454	95635	9+0++	35004	89+01		
Thorney Island	671	93502	02454	95635	9+0++	35008	89+04		
Hurn	862	80000	17112	96433	463+2	33211	84707	84625	86080
Guernsey	894	60205	82038	96443	62500	38213	86822		
Felixstowe	697	61208	63016	95442	65700	39104	86650		
Gorleston	497	61205	62216	96644	634++	41206	86919		
Mildenhall	578	30406	62011	95738	15802	36302	81657	83070	
Cardington	559	73505	42101	96140	753++	38008	87608		
West Raynham	485	10610	66016	96435	10932	34003	81359		
Wittering	462	43612	28016	96536	45700	34006	84656		
Boscombe Down	746	80701	11205	95936	860++	36004	88701		
Ross-on-Wye									
Bristol	628	80112	24216	96739	984++	37105	88711		
Aberporth	502	30000	58021	98233	20931	30105	82363		
Rhoose (Cardiff)	715	80206	56212	97340	4563+	36106	84640	88359	
Plymouth	827	50000	26041	97141	556++	39208	85647		
Chivenor	707	20402	58115	97239	15530	37307	81625		
St. Mawgan	817	33604	66021	97839	31500	34106	83825		
Culdrose	809	43107	82038	98538	29400	35107	82818	81918	
Scilly	804	43309	81028	98543	42500	38103	84820		
Elmdon	534	80110	50044	97637	855++	33106	88620		
Shawbury	414	20000	09461	98233	25600	32103	82635		
Manchester	334	00802	01044	98233	00900	30206			
Squires Gate	318	61108	28041	98429	00902	27205	86070		
Valley	302	61202	58042	98033	12502	32203	81825	86075	
Ronaldsway	204	70106	62021	98537	35636	35400	83640	87270	
Silloth	214	70502	09462	98827	00906	27103	87270		
Watnall	354	00210	23010	97735	00900	32004			
Spurn Head	396	20608	59030	97444	21500	39205	82825		
Finningley	360	33405	06424	98432	10931	32001	81362	83070	
Dishforth	261	83308	23102	98830	40937	28105	84360	88275	
Tynemouth	262	02606	08444	98635	00900	32206			
Eskdalemuir									
Mull of Galloway	131	71604	78038	97842	794++	37101	87915		
Prestwick	135	61402	58042	97934	5853+	33205	82822	85625	
Renfrew	141	90000	F4434	98230	9+0++	29106	89+00		
Leuchars	171	52504	40012	97531	00908	30107	85270		
Dyce	091	70000	48042	98628	755++	27208	87623		
Wick	075	62203	80031	97035	1243+	31801	81815	86359	
Cape Wrath	049	32305	86021	95939	38600	39204	83830		
Sule Skerry	010	62109	84808	95544	635++	39210	86920		
Lerwick	005	70000	81258	94739	684+2	37208	84818	82625	
Stornoway	026	10000	82018	96231	12500	30104	81825		
Benbecula	022	52410	74258	96440	53500	35304	85920		
Tiree	100	32610	83148	97437	29463	33103	82918		
Aldergrove	917	92002	F9474	98534	9+0++	34001	89+01		
Malin Head	980	12005	82018	97833	12500	31302	81821		
Belmullet	976	21602	82011	98736	22502	34601	82823		
Birr	965	50000	32101	99632	556++	31303	85630		
Collinstown	969	02807	04444	98833	00900	32201			
Rineanna	962	80802	02464	99833	851++	31105	83705	88635	
Roches Point	952	13605	80030	99337	15601	35103	81640		
Valentia	953	70000	78021	00337	42502	34001	84824	87070	

OBSERVATIONS at 06h. 7 December 1960

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775	83501	17102	97039	862++	38102	88704		
London Airport	772	80000	08444	96338	862++	38702	88704		
Gatwick	776	93305	06434	96736	9+0++	36202	89+03		
Thorney Island	671	90103	02454	96635	9+0++	35303	89+04		
Hurn	862	83606	04424	97035	862++	34302	88704		
Guernsey	894	73308	66808	96844	725++	39705	87822		
Felixstowe	697	70104	63016	96040	556++	38301	81618	85632	87656
Gorleston	497	50906	62018	96944	33440	41303	83919		
Mildenhall	578	13603	23011	96735	15700	35103	81656		
Cardington	559	80404	09464	96837	862++	37305	88705		
West Raynham	485	10509	59030	97038	15600	36201	81630		
Wittering	462	23610	28031	97435	25700	33204	82656		
Boscombe Down	746	80502	04464	96836	860++	36001	88701		
Ross-on-Wye	627	83603	24022	97239	864++	35203	88710		
Bristol	628	80207	40102	97338	854++	36202	88615		
Aberporth	502	12005	63030	97931	10940	27603	81360		
Rhoose (Cardiff)	715	60404	37102	97535	6563+	34400	86635		
Plymouth	827	00000	27041	97534	00900	34604			
Chivenor	707	70000	28031	97336	755++	35502	87625		
St. Mawgan	817	00906	59010	97735	00900	35604			
Culdrose	809	10000	81018	98238	12400	35603	81218		
Scilly	804	63305	83031	98342	41401	37603	84818	83070	
Elmdon	534	30108	17042	98236	35601	34102	83630		
Shawbury	414	20000	05444	98527	25600	26301	82640		
Manchester	334	00610	11284	98032	00900	31803			
Squires Gate	318	00905	48041	98425	00900	24702			
Valley	302	30000	56021	97635	12532	32605	81825		
Ronaldsway	204	71613	59831	98440	784++	35603	84818	85640	
Silloth	214	30703	40014	98828	00902	28502	83070		
Watnall	354	10106	23030	98433	15600	31204	81635		
Spurn Head	396	40710	63030	97644	43500	41400	82920	84825	
Finningley	360	03205	05464	99030	00900	29203			
Dishforth	261	43408	40102	99128	40976	26302	82360		
Tynemouth	262	52306	32024	99036	5097+	33204	85358		
Eskdalemuir	162	70000	66022	00226	70906	25400	84068	87272	
Mull of Galloway	131	32707	82019	97441	38400	36806	83918		
Prestwick	135	21005	66020	97830	18531	27702	81822		
Renfrew	141	90000	F4454	98832	9+0++	32002	89+00		
Leuchars	171	00000	03444	98127	00900	27202			
Dyce	091	00000	40041	99121	00900	20205			
Wick	075	12001	80011	97933	10930	30302	81358		
Cape Wrath	049	02302	86010	97337	12600	37203	81830		
Sule Skerry	010	32105	85018	96343	32500	38204	83825		
Lerwick	005	53008	81022	96039	584++	36205	81818	85640	
Stornoway	026	20000	82030	96428	29500	27002	82920		
Benbecula	022	11306	82258	96134	19503	33802	81925		
Tiree	100	10000	86141	96832	19501	30704	81920		
Aldergrove	917	92202	02454	98530	9+0++	29602	89+01		
Malin Head	980	21905	82010	97334	12502	31804	81821		
Belmullet	976	81511	82031	96739	11507	36710	81823	88270	
Birr	965	90000	08434	98633	9+0++	33704	89+03		
Collinstown	969	92708	02454	98432	9+0++	31703	89+01		
Rineanna	962	90902	02454	98733	9+0++	31604	89+01		
Roches Point	952	93607	00474	98934	9+0++	34501	89+00		
Valentia	953	70603	78032	99132	12506	31603	81825	87270	

OBSERVATIONS during NIGHT

Station	iii	$R_RT_nT_hE$	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Kew	775	97381	31	+	+
London Airport	772	00371	31	fF	FF
Gatwick	776	97331	31	FFf	ff
Thorney Island	871	97331	33	F	F
Hurn	862	97311	24	+	ffFFff
Guernsey	894	01391	34	$prpr_o$	pr_o
Felixstowe	697	03382	34	rr	r_or_o
Gorleston	497	01412	38	$ir_or_or_opr_o$	pr_oir
Mildenhall	578	00331	25	+	+
Cardington	559	97341	30	+	if
West Raynham	485	97351	26	+	+
Wittering	462	97351	30	+	+
Boscombe Down	746	97361	27	d_od_off	ff
Ross-on-Wye	627	93371	37	+	ir_o
Bristol	628	94371	32	ir_o	id_o
Aberporth	502	00313	20	+	+
Rhoose (Cardiff)	715	94351	31	ir_o	+
Plymouth	827	00323	24	+	ff
Chivenor	707	00341	25	+	+
St. Mawgan	817	00321	25	+	+
Culdrose	809	96333	22	ir_o	+
Scilly	804	00411		+	+
Elmdon	534	00311	24	+	+
Shawbury	414	00253	17	ff	ff
Manchester	334	00243	23	ffFF	ffFF
Squires Gate	318	00243	18	+	+
Valley	302	00293	23	+	+
Ronaldsway	204	91331	28	+	pr_os_o
Silloth	214	00243	19	if	+
Watnall	354	00331	24	+	+
Spurn Head	396	00430		+	+
Finningley	360	00303	28	ff	ff
Dishforth	261	00268	22	+	+
Tynemouth	262	00311	26	ff	ff
Eskdalemuir	162	00243	19	+	+
Mull of Galloway	131				
Prestwick	135	00293	26	+	+
Renfrew	141	00283	24	FF	FF
Leuchars	171	00263	20	+	ff
Dyce	091	00213	15	+	+
Wick	075	00304	22	+	+
Cape Wrath	049	00361	30	+	+
Sule Skerry	010	92421	36		
Lerwick	005	97362	31	pr_o	ir_o
Stornoway	026	00273	21	+	+
Benbecula	022	92321	23	pr_o	pr_o
Tiree	100	01323	20	+	pr_opr
Aldergrove	917	97251	20	F	fF
Malin Head	980	97314	28		
Belmullet	976	97351	27		
Birr	965	97281	23		
Collinstown	969	97311	30		
Rineanna	962	97291	24		
Roches Point	952	97331	31		
Valentia	953	97301	27		

Code FM 21.A

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
A	40621	32900	52218	75268	79930	59400	51208	+++++	+++++	06625	12235
B	40565	51000	82015	59858	07430	855++	00746	88625	+++++	05825	12735
C	40528	35500	72936	69258	13640	74400	00007	87615	+++++	05729	12849
D	40440	41000	80505	65022	20756	855++	00000	88620	+++++	05448	1++++
I	40592	18800	71818	97258	85844	734++	00736	87918	+++++	05738	11843
J	40525	19800	72623	98018	97145	6463+	00615	82830	86635	05539	12733
K	40449	16100	81230	60616	93050	874++	00764	+++++	+++++	05650	11235
M	43659	01700	40914	80031	08637	42500	21214	84820	+++++	06023	10835

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
A	40621	32806	61522	80031	80032	2251+	00802	+++++	+++++	06421	11523
B	40565	51006	82311	59718	00434	855++	00720	88620	+++++	05429	149+4
C	40528	35506	62734	69022	13941	68400	00102	81815	86655	05632	12849
D	40440	41006	81114	59515	19157	864++	00708	88710	+++++	05356	10833
I	40593	18806	71814	97258	83145	794+3	00618	86918	+++++	05543	11843
J	40526	19706	13040	98258	98240	13400	00332	81915	+++++	06134	18042
K	40450	16206	50434	70036	01552	42540	81264	84827	+++++	05646	10345
M	43660	01706	50920	80021	10737	55600	21211	85640	+++++	05823	10934

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DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 36176

Date of Issue Wednesday 8 December 1960

Code FM 11.A — OBSERVATIONS at 12h. 7 December 1960

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775	60104	14056	97242	654++	38001	86615		
London Airport	772	73202	23106	97441	755++	40000	82707	87623	
Gatwick	776	80000	09464	97239	862++	38802	88702		
Thorney Island	871	80000	04504	97937	862++	36102	88703		
Hurn	862	80205	36054	97839	362++	37001	83705	85706	88708
Guernsey	894	33607	58052	97646	32500	39102	83825		
Felixstowe	697	40605	61018	96343	43500	40803	82920	83635	
Gorleston	497	61209	64278	96945	5357+	41606	85824		
Mildenhall	578	10101	44050	97043	12630	38703	81830		
Cardington	559	60000	13104	97941	48630	38002	84830		
West Raynham	485	40408	62020	97143	48560	40806	82825		
Wittering	462	60209	56251	97743	33560	37803	83920	85358	
Boscombe Down	746	80601	48104	97938	452++	38000	84704	88612	
Ross-on-Wye	627	80203	13106	98140	874++	36802	88710		
Bristol	628	80206	14215	98140	863++	38101	88708		
Aberporth	502	71003	63258	98340	48538	37804	81820	83635	85275
Rhoose (Cardiff)	715	80404	28042	98341	655++	38002	86620	88630	
Plymouth	827	52908	07424	97939	10931	38805	81358	84075	
Chivenor	707	60000	48022	97745	38431	41803	81818	83364	
St. Mawgan	817	70000	56021	98143	12578	39804	81820	87275	
Culdrose	809	70000	58102	98643	48432	40000	81815	84630	86075
Scilly	804	53205	83011	98447	21401	38104	82818	84070	
Elmdon	534	10103	09040	98737	15730	35001	81650		
Shawbury	414	10301	06424	99034	10930	27805	81359		
Manchester	334	02702	06424	99129	00900	27802			
Squires Gate	318	21006	16040	99038	10949	34000	81362		
Valley	302	20000	63020	98141	19563	34400	81920		
Ronaldsway	204	41311	48048	98745	32531	36802	82825		
Silloth	214	40506	48050	99732	10942	30000	81362	83070	
Watnall	354	10503	17050	98541	10930	35000	81360		
Spurn Head	396	60914	59031	97845	63500	40705	83920	83825	
Finningley	360	13406	12044	99437	15700	29501	81650		
Dishforth	261	53310	48052	99533	22602	29808	82830	83075	
Tynemouth	262	72707	09444	00136	7097+	29002	87358		
Eskdalemuir	162	50000	74022	00632	00906	25801	85070		
Mull of Galloway	131	71616	78022	98443	794++	36002	87918		
Prestwick	135	71103	56042	99037	68571	35400	81825	83628	86640
Renfrew	141	90000	F5454	99831	9+0++	31400	89+01		
Leuchars	171	70000	28044	99632	10932	29104	81365	87070	
Dyce	091	60201	40041	00326	12532	25004	81820	86070	
Wick	075	10000	89020	99936	12500	35107	81820		
Cape Wrath	049	11702	86010	98241	12600	40208	81830		
Sule Skerry	010	22005	85011	98243	22500	38209	82825		
Lerwick	005	62214	82016	99738	534+2	34217	81915	83818	
Stornoway	026	41705	74038	98038	38405	35104	81819	83075	
Benbecula	022	61509	82252	96839	29402	36002	81918	86075	
Tiree	100	71315	80158	97141	694+6	39806	81916	83822	86272
Aldergrove	917	90000	03494	98628	9+0++	27802	89+02		
Malin Head	980	71808	86021	97638	32506	32101	83821	87268	
Belmullet	976	71313	83022	95140	38508	36710	81820	83640	87270
Birr	965	81603	06444	98432	862++	31704	88704		
Collinstown	969	92802	01474	98632	9+0++	32702	89+01		
Rineanna	962	91208	03434	97734	9+0++	33808	89+02		
Roches Point	952	90000	00454	98535	9+0++	34804	89+00		
Valentia	953	81412	82032	97043	48507	36813	83826	84642	88270

OBSERVATIONS at 18h. 7 December 1960

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775	92901	01474	98238	9+0++	36310			
London Airport	772	02703	11044	98138	00900	37308			
Gatwick	776	00000	04462	98137	00900	36208			
Thorney Island	871	60000	23014	98438	662++	38106	86704		
Hurn	862	81703	28052	98839	553++	36310	85709	88613	
Guernsey	894	70000	58052	98242	52632	39311	85830	83362	85075
Felixstowe	697	13601	37021	97341	15600	40210	81640		
Gorleston	497	60914	62028	97843	65500	40210	86620		
Mildenhall	578	10305	48018	97438	15600	37205	81645		
Cardington	559	50302	58012	98238	58500	37307	81820	85656	
West Raynham	485	00606	56011	98037	00900	36208			
Wittering	462	13608	13108	98337	13600	34306	81930		
Boscombe Down	746	80000	32022	98739	463++	37208	84706	86616	
Ross-on-Wye	627	60802	08462	98636	674++	35308	86710		
Bristol	628	80204	14102	98938	474++	37305	84715	88620	
Aberporth	502	71503	56028	98537	5577+	35308	85656	87359	
Rhoose (Cardiff)	715	80804	23102	98740	855++	39309	88625		
Plymouth	827	80000	08464	98238	35637	36105	83630	83358	88275
Chivenor	707	71105	48022	98242	454++	37210	84618	87637	
St. Mawgan	817	61407	58022	98138	22502	37304	82820	86072	
Culdrose	809	80000	66258	98841	7843+	37302	84818	85625	
Scilly	804	72902	83022	97642	3146+	34602	83814	87358	
Elmdon	534	70105	08044	99437	757++	34208	87650		
Shawbury	414	70000	10104	99633	757++	32308	87650		
Manchester	334	60707	13044	99238	656++	34206	86640		
Squires Gate	318	40907	19041	99633	35801	31210	83657	83075	
Valley	302	71002	59052	98935	15738	32308	81650	83358	87075
Ronaldsway	204	60000	66021	99336	21506	33205	82825	86275	
Silloth	214	20000	21101	00527	15601	25309	81630		
Watnall	354	40205	15040	99237	457+1	34103	84656		
Spurn Head	396	60912	63028	98145	695++	40400	86920		
Finningley	360	43507	16101	99434	45700	33204	84650		
Dishforth	261	73310	28051	00334	756++	31308	87630		
Tynemouth	262	63208	12104	00540	656++	34207	86640		
Eskdalemuir	162	03601	80011	01830	00900	29207			
Mull of Galloway	131	61614	80012	98643	694++	36313	86918		
Prestwick	135	60803	58042	99835	18576	30211	81625	86075	
Renfrew	141	80706	06424	00833	862++	32311	88702		
Leuchars	171	33301	01464	01026	00902	25112	83070		
Dyce	091	50000	35042	02623	10932	21212	81365	85075	
Wick	075	11405	66020	01435	15600	32212	81640		
Cape Wrath	049	10000	86020	99539	15600	28209	81630		
Sule Skerry	010	31402	85030	99543	22605	36207	82830		
Lerwick	005	41410	81018	03040	43400	35115	84815	81915	
Stornoway	026	61609	82011	99041	19432	34206	81920	86075	
Benbecula	022	51812	74258	97838	39402	36306	82918	83075	
Tiree	100	61319	74258	97842	58502	38210	82825	83640	
Aldergrove	917	40000	01494	98826	46000	26305	84700		
Malin Head	980	32006	80011	97735	00902	32308	83070		
Belmullet	976	51308	82012	95436	25608	32312	82640	85270	
Birr	965	30000	05424	97729	25602	29205	82630	83073	
Collinstown	969	80000	02444	98433	855++	30305	88627		
Rineanna	962	61212	32104	96834	571+2	34308	85702	86070	
Roches Point	952	71007	56404	97037	16301	36501	81708	87070	
Valentia	953	81603	62616	95541	864++	39104	88711		

OBSERVATIONS during DAY

Station	iii	$R_RR_RT_xT_xE$	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Kew	775	97441	018	ir_o	ffFF
London Airport	772	91441	014	ir_o	f
Gatwick	776	97401	000	ff	ffFF
Thorney Island	871	97381	000	$FFid_o$	+
Hurn	862	00411		+	+
Guernsey	894	00471	054	+	+
Felixstowe	697	97471	028	pr_o	f
Gorleston	497	02472	031	pr_o	$pRpr_o$
Mildenhall	578	97453	057	pr_o	+
Cardington	559	97431	028	f	+
West Raynham	485	97451	039	+	+
Wittering	462	97431	048	pr_o	+
Boscombe Down	746	00401	000	ff	+
Ross-on-Wye	627	91401	000	ir_o	ff
Bristol	628	97401	000	id_o	+
Aberporth	502	03401	000	pr_opRpr_o	+
Rhoose (Cardiff)	715	00411	000	+	+
Plymouth	827	00431	027	fFF	f
Chivenor	707	00471	030	+	+
St. Mawgan	817	00451	042	+	1
Culdrose	809	95451	024	+	pr1
Scilly	804	00491	030	+	+
Elmdon	534	00401	025	+	+
Shawbury	414	00381	013	ff	+
Manchester	334	00391	000	FFff	ff
Squires Gate	318	00413	051	+	+
Valley	302	00431	050	+	+
Ronaldsway	204	00451	028	+	+
Silloth	214	00333	050	+	+
Watnall	354	00421	033	f	f
Spurn Head	396	01471	019	pr_o	pr_o
Finningley	360	00401	032	1f	+
Dishforth	261	97351	016	+	pr_o
Tynemouth	262	01401		ff	ffr_or_o
Eskdalemuir	162	00403	046	+	+
Mull of Galloway	131	00441			
Prestwick	135	00411	013	+	+
Renfrew	141	00351	000	+	+
Leuchars	171	00333	000	f	fFF
Dyce	091	00273	000	+	+
Wick	075	00403	052	+	+
Cape Wrath	049	00431		+	+
Sule Skerry	010	00450			
Lerwick	005	06412	004	ir_opr_o	pr_oprh
Stornoway	026	97423	018	pr_o	+
Benbecula	022	03401	001	pr_oprs	pr_o
Tiree	100	01431	002	pr_o	prhpr
Aldergrove	917	97293	000	fFF	$FFid_o$
Malin Head	980	9739	009		
Belmullet	976	0041	000		
Birr	965	9733	000		
Collinstown	969	9734	000		
Rineanna	962	9736	000		
Roches Point	952	9738	000		
Valentia	953	0643	000		

Code FM 21.A — OCEAN WEATHER STATION REPORTS at 12h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
A	40620	32912	62135	75158	80837	69400	51010	+++++	+++++	05828	12145
B	40565	51012	82317	63617	97136	4742+	00712	84812	88520	05230	12144
C	40528	35512	62534	69022	11745	52420	00310	85818	+++++	05239	12749
D	40440	41012	91813	09475	17260	9+0++	00707	89+02	+++++	00060	149+5
I	40591	19012	82824	97026	87341	884++	61125	84818	88656	05929	12848
J	40525	19912	72929	96878	03141	794++	00220	84915	83815	06036	12938
K	40450	16112	53327	70258	10252	49503	22223	84926	+++++	05446	13246
M	43660	01912	51118	80011	13439	55600	21111	85640	+++++	05825	11133

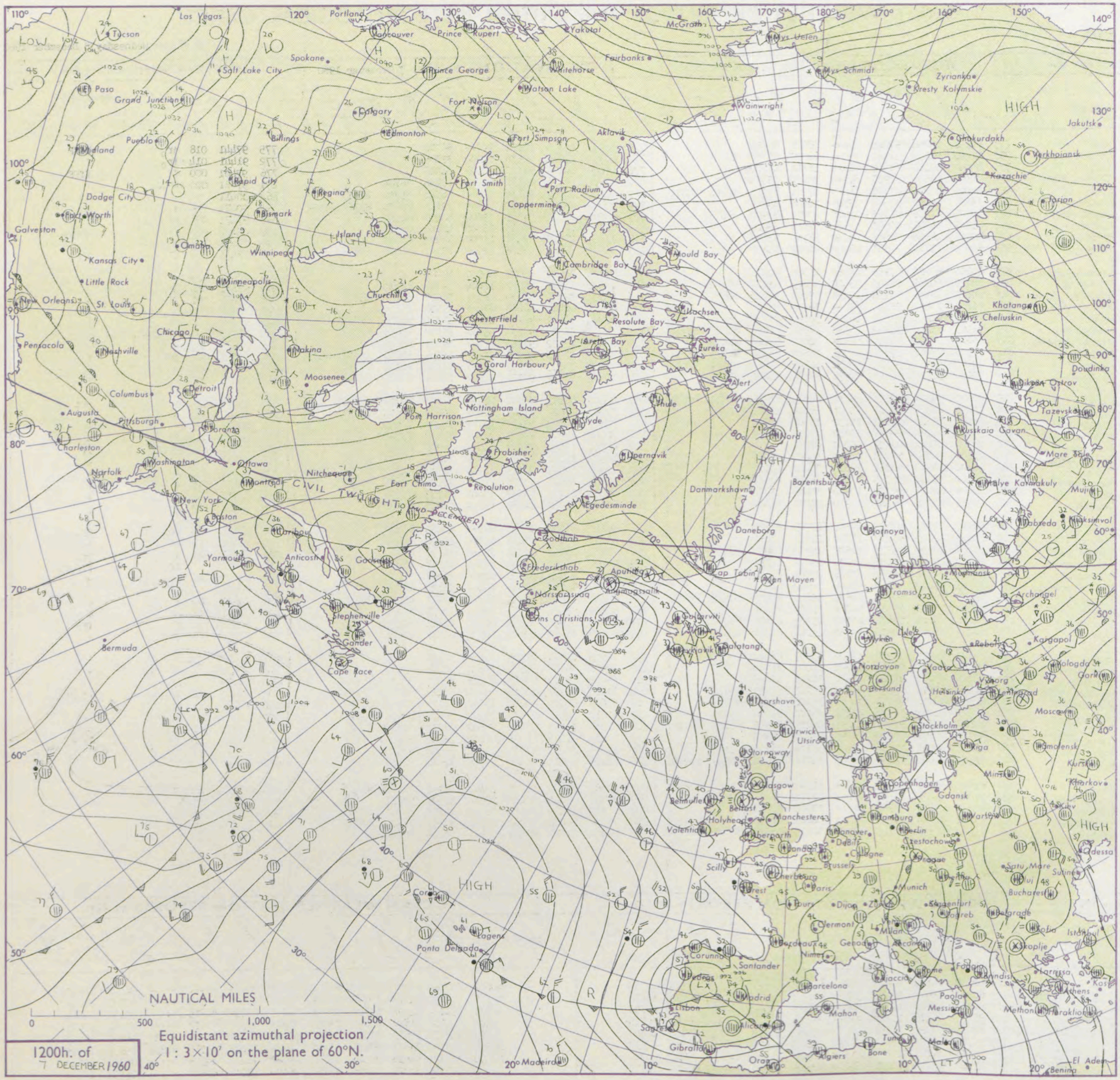
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
A	40621	32818	52222	70858	85734	59400	00237	+++++	+++++	06328	12247
B	40565	51018	82317	63216	95239	854++	00608	88612	+++++	00133	12145
C	40528	35418	72532	69022	10845	744++	00602	87615	+++++	05240	17540
D	40440	41018	71818	65025	15262	754++	00707	87617	+++++	00260	13656
I	40591	19518	52813	98012	89841	39463	61218	81915	83630	06030	100+0
J	40528	19218	73027	97258	03442	4943+	23403	81916	84818	05837	17955
K	40450	15718	53438	70028	14150	49563	71236	84923	+++++	05741	13248
M	43660	02118	31025	80028	15141	35600	31208	83640	+++++	05531	11133

All times of observation printed in this publication are GREENWICH MEAN TIME.

SIR GRAHAM SUTTON, C.B.E., D.Sc., F.R.S., Director General. Meteorological Office, Air Ministry, Kingsway, London, W.C.2

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



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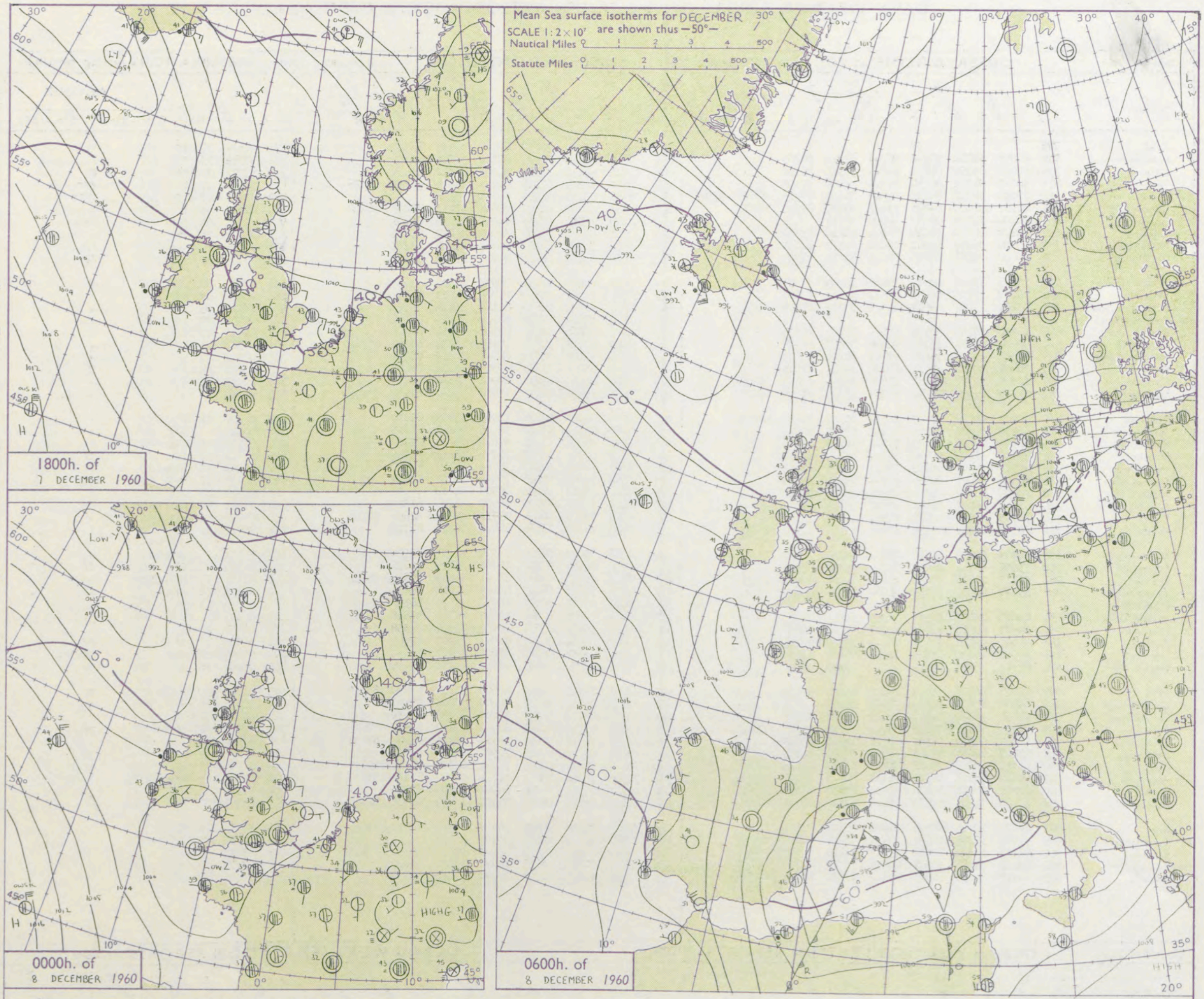

GENERAL SYNOPTIC DEVELOPMENT

A rather uniform pressure distribution over the British Isles is likely to persist. A weak low which formed off south Ireland is expected to move south into Spain on the west side of a depression in the Mediterranean.

Issued at midday Thursday 8 December 1960

FORECAST for Great Britain and Northern Ireland until noon tomorrow

Fog, frost and icy roads are expected to become widespread in the evening after brief bright intervals in the afternoon. Fog will become dense in places and will probably be persistent tomorrow in a number of industrial areas. Scattered showers may occur in a few coastal areas. It will be rather cold or cold.

OUTLOOK for following 24 hours:

Fog and frost in many eastern and central districts but perhaps rain or drizzle in some western districts later.

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE *(contd.)*

Code FM 11.A

OBSERVATIONS at 00h. 8 December 1960.

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_d app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775			38					
London Airport	772	80000	10284	99938	862++	37210	88703		
Gatwick	776	90000	F5454	00433	9+0++	33315	89+01		
Thorney Island	871	90000	02434	99836	9+0++	36206	89+02		
Hurn	862	70000	50052	99738	54502	34506	81710	84615	97075
Guernsey	894	81907	56050	99643	115+7	37205	81825	88275	
Felixstowe	697	00404	24024	99537	00900	36211			
Gorleston	497	10807	64018	99944	10970	40210	81360		
Mildenhall	578	10000	05464	99931	15600	30112	81635		
Cardington	559	80000	09464	00036	862++	35211	88703		
West Raynham	485	10204	17120	00036	10830	35209	81357		
Wittering	462	70107	11101	00235	755++	34212	87625		
Boscombe Down	746	81201	23102	00037	553++	36207	85707	88614	
Ross-on-Wye									
Bristol	628	60000	06444	00135	655++	35206	86625		
Aberporth	502	40902	32011	99835	00902	34207	84072		
Rhoose (Cardiff)	715	60000	14102	99834	655++	34105	86625		
Plymouth	827	70606	48024	99035	00008	34203	87275		
Chivenor	707	60905	23031	99236	15606	36205	81635	86275	
St. Mawgan	817	81309	61022	99238	10937	35105	81358	88275	
Culdrose	809	70803	69032	99037	15637	35301	81630	87272	
Scilly	804	30000	83020	98041	21402	33400	82818		
Elmdon	534	70305	05446	00635	757++	34105	87656		
Shawbury	414	70000	11102	00434	757++	33204	87656		
Manchester	334	70507	20045	00439	756++	34103	87645		
Squires Gate	318	80606	23041	00836	857++	33205	88650		
Valley	302	70000	58052	00334	19538	33208	81920	87275	
Ronaldsway	204	61313	48042	01343	42502	36209	84825	83070	
Silloth	214	30705	28050	02028	10931	26010	81360		
Watnall	354	60501	11284	00534	30938	33106	83360	86275	
Spurn Head	396	60808	59278	00145	635++	38209	86920		
Finningley	360	73406	09444	00834	757++	33105	87650		
Dishforth	261	73410	26278	01435	1363+	34107	81930	87358	
Tynemouth	262	43210	48018	02238	45600	34104	84636		
Eskdalemuir									
Mull of Galloway	131	41615	78011	00544	49400	37312	84915		
Prestwick	135	20907	59011	01833	15701	29206	81650		
Renfrew	141	80000	03464	03132	862++	31209	88704		
Leuchars	171	10000	25104	02826	00902	25108	81070		
Dyce	091	60301	23042	04425	657++	23110	86650		
Wick	075	21507	80010	04040	15401	33214	81615		
Cape Wrath	049	00000	86020	01239	00900	34202			
Sule Skerry	010	21409	85020	01342	22600	37229	82830		
Lerwick	005	71311	74258	05640	784++	37212	85818	87625	
Stornoway	026	11509	82011	01041	15601	33107	81630		
Benbecula	022	51417	74018	99340	38502	37005	82825	85070	
Tiree	100	81723	59818	99938	894++	37210	86916	88640	
Aldergrove	917	60000	13284	00927	46130	26209	84702	85359	
Malin Head	980	62203	74031	99834	20932	29210	82362	86070	
Belmullet	976	83410	74606	98839	864++	37122	85715	88626	
Birr	965	20000	70014	00526	00901	25316	82075		
Collinstown	969	71604	59804	00434	785++	32214	86820	87631	
Rineanna	962	71303	13284	00232	77[illegible]++	32218	84702	87640	
Roches Point	952	40106	74031	99536	45401	33217	81710	84650	
Valentia	953	80113	69216	00643	854++	37226	83716	88650	

OBSERVATIONS at 06h. 8 December 1960.

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_d app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775	83403	17104	02338	864++	36215	88712		
London Airport	772	80000	07424	02236	862++	36210	88703		
Gatwick	776	90702	F7454	02533	9+0++	32212	89+01		
Thorney Island	871	83602	14104	02135	464++	35214	84713	88656	
Hurn	862	93404	05434	02135	9+0++	35215			
Guernsey	894	73309	66022	01342	686+2	37213	82825	86640	
Felixstowe	697	93201	F4454	02433	9+0++	33216	89+01		
Gorleston	497	33002	58030	03036	32500	35217	83825		
Mildenhall	578	90000	00474	02829	9+0++	29313	89+02		
Cardington	559	90000	01434	02835	9+0++	35215	89+03		
West Raynham	485	00602	06460	02833	00900	32214			
Wittering	462	23506	17284	02930	25700	29213	82656		
Boscombe Down	746	80603	28102	02636	862++	35214	88703		
Ross-on-Wye	627	80504	08444	02238	863++	35210	88706		
Bristol	628	80206	08464	02537	863++	37314	88706		
Aberporth	502	72005	40011	02535	30938	32214	83359	87272	
Rhoose (Cardiff)	715	80605	11042	02639	855++	37213	88620		
Plymouth	827	60000	48022	01932	00908	30216	86275		
Chivenor	707	50902	20022	02233	00908	32312	85275		
St. Mawgan	817	30905	58011	02335	15602	35218	81630	83075	
Culdrose	809	20000	66021	02036	12531	33215	81820		
Scilly	804	33606	83011	01744	31400	35221	83818		
Elmdon	534	90000	07454	03335	9+0++	35312	89+02		
Shawbury	414	72802	07444	03035	757++	33313	87656		
Manchester	334	70903	28042	02837	757++	34212	87650		
Squires Gate	318	70506	56042	03035	758++	34212	87657		
Valley	302	00000	09461	02435	00900	34210			
Ronaldsway	204	20406	58011	03235	28500	33109	81825		
Silloth	214	70709	62021	04034	2573+	32207	82656	87359	
Watnall	354	70000	14104	03135	764++	34216	87710		
Spurn Head	396	51011	59028	02744	33540	39213	83920		
Finningley	360	10000	09444	03532	15700	31215	81656		
Dishforth	261	73409	28808	03836	784++	34213	85818	87656	
Tynemouth	262	42806	58028	04437	42600	34212	84836		
Eskdalemuir	162	63601	80021	05833	6093+	31211	86362		
Mull of Galloway	131	21414	78010	02940	28400	38210	81818		
Prestwick	135	10507	59020	03733	10930	27206	81358		
Renfrew	141	90000	01474	04731	9+0++	31207	89+01		
Leuchars	171	50000	21108	04329	55600	28207	85630		
Dyce	091	70000	28258	06433	786++	27213	86835		
Wick	075	41602	80011	06140	48500	36212	81820	83630	
Cape Wrath	049	31605	86032	02738	00908	30208	83270		
Sule Skerry	010	31409	85032	03142	35600	34209	83630		
Lerwick	005	81422	81258	07741	884++	37212	86815	88635	
Stornoway	026	71513	74011	02043	30938	34204	83358	87275	
Benbecula	022	21614	80032	00241	12501	38103	81825		
Tiree	100	71423	66878	00943	794++	41204	85916	85630	
Aldergrove	917	70503	13288	03231	361++	30108	83702	87630	
Malin Head	980	11912	80021	01934	00902	32308	81070		
Belmullet	976	41407	80018	02437	48500	34217	83822	84635	
Birr	965	71804	70258	03238	785++	27212	82823	87635	
Collinstown	969	02804	58108	02931	00900	30211			
Rineanna	962	50000	56102	04233	56300	33215	82706	85640	
Roches Point	952	73510	74032	03638	756++	36220	87643		
Valentia	953	33605	75036	04741	32500	33218	83824		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_E	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Kew	775	97371	37	ff	ffif
London Airport	772	97341	35	F	F
Gatwick	776	97321	32	FF	FF
Thorney Island	871	97351	33	F	fir
Hurn	862	00321	27	if	FFff
Guernsey	894	00401	35	1	+
Felixstowe	697	92321	31	fFF	FF
Gorleston	497	97322	28	pr_o	+
Mildenhall	578	00278	24	FffFF	FF
Cardington	559	97331	29	fFF	FF
West Raynham	485	97293	22	+	FF
Wittering	462	00282	22	ff	f
Boscombe Down	746	00351	35	+	+
Ross-on-Wye	627	00351	27	ff	ff
Bristol	628	00351	29	f	f
Aberporth	502	00323	22	+	+
Rhoose (Cardiff)	715	00341	29	+	+
Plymouth	827	00313	25	f	f
Chivenor	707	00311	26	+	+
St. Mawgan	817	00340	27	+	+
Culdrose	809	00328	22	+	+
Scilly	804	00411		+	+
Elmdon	534	91321	24	ir_oifff	ff
Shawbury	414	00311	28	ff	ff
Manchester	334	00361	31	fid_of	+
Squires Gate	318	00341	31	+	+
Valley	302	00323	24	+	f
Ronaldsway	204	97341	30	+	tr_o
Silloth	214	00253	21	+	+
Watnall	354	00331	25	f	f
Spurn Head	396	93411		pr_opho	+
Finningley	360	00323	29	ff	ff
Dishforth	261	01341	31	pr_ohph_opr	pr_o
Tynemouth	262	96361	28	pr_o	ff
Eskdalemuir	162	00263	21	+	+
Mull of Galloway	131	00371			
Prestwick	135	00293	24	+	+
Renfrew	141	00301	30	ff	FF
Leuchars	171	01254	20	pr_o	pr_oprf
Dyce	091	03204	16	+	pr_o
Wick	075	01382	29	+	pr
Cape Wrath	049	00373	23	+	+
Sule Skerry	010	00410	36		
Lerwick	005	02391	37	pr_oprh	pr_o
Stornoway	026	00401	35	+	+
Benbecula	022	93371	32	pr_o	jp
Tiree	100	02381	35	pR	pr_oh
Aldergrove	917	97263	24	$FFid_offpr_o$	iFFF
Malin Head	980	97313	25		
Belmullet	976	01351	30		
Birr	965	97233	19		
Collinstown	969	92293	25		
Rineanna	962	01293	25		
Roches Point	952	97351	31		
Valentia	953	09391	34		

Code FM 21.A

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	YQL_aL_a	L_oL_oGG	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
A	50620	33000	42708	75268	89437	49400	00217	+++++	+++++	05732	12723
B	50565	51000	81615	65022	95039	854++	00505	88615	+++++	00136	12135
C	50528	35500	82317	69022	09645	3253+	00708	83820	88358	05243	12449
D	50440	41000	81626	59105	11662	664++	00619	86715	+++++	00261	11836
I	50591	19400	53010	98031	92941	58400	00208	84818	+++++	06028	13033
J	50529	18200	73326	97808	03144	5943+	13802	82916	85818	05740	18155
K	50452	15800	43331	70038	16852	48500	71109	82827	83640	05541	13248
M	53660	01800	31226	80011	16141	35500	00801	83625	+++++	05527	11134

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	YQL_aL_a	L_oL_oGG	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
A	50621	32806	52630	75878	91939	59400	00205	+++++	+++++	05532	12646
B	50565	51006	81818	61612	91249	854++	00527	88612	+++++	00137	11835
C	50528	35506	81817	63616	05346	00724	00719	88457	+++++	05145	12446
D	50440	41006	81832	65022	06763	855++	00729	88620	+++++	00360	11848
I	50591	19306	53112	98288	95541	53400	00207	85917	+++++	05932	13033
J	50532	17006	73025	98258	04247	32532	00208	83820	85359	05540	13149
K	50452	16006	53132	70028	17952	68500	32210	83826	83636	05446	13247
M	53660	01806	51128	80022	17843	55500	21213	85630	+++++	05430	11235

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H.M.S.O. Press, M.O. Dunstable.

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 36177

Date of Issue Friday 9 December 1960

Code FM 11.A

OBSERVATIONS at 12h. 8 December 1960

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_ssCh_sh_s$	$8N_ssCh_sh_s$	$8N_ssCh_sh_s$
Kew	775	90802	03474	06138	9+0++	36110			
London Airport	772	93606	01454	05835	9+0++	35112	89+02		
Gatwick	776	80301	06445	05437	862++	36108	88703		
Thorney Island	871	80101	20036	05349	26237	39311	82703	88270	
Hurn	862	83506	35044	05639	362++	37218	83703	88705	
Guernsey	894	40000	80011	05346	38642	36117	81818	83640	
Felixstowe	697	72801	01414	05936	26076	36110	82701	83360	87075
Gorleston	497	50000	40414	05642	38406	40113	81818	83626	86275
Mildenhall	578	90000	01474	06431	9+0++	30112	89+01		
Cardington	559	90000	01434	06334	9+0++	33211	89+02		
West Raynham	485	70000	19104	06237	10932	36213	81360	87075	
Wittering	462	93605	02434	06535	9+0++	35114	89+03		
Boscombe Down	746	83303	28102	06138	862++	36214	88703		
Ross-on-Wye	627	80605	13284	06039	862++	36112	88705		
Bristol	628	80305	19104	06438	862++	38118	88705		
Aberporth	502	61705	50031	05940	5853+	36007	81820	85656	
Rhoose (Cardiff)	715	20000	11044	06439	10931	38213	81365		
Plymouth	827	33305	20044	05741	00902	37110	83075		
Chivenor	707	50905	19022	06036	11538	33113	81828	84275	
St. Mawgan	817	20602	62011	05943	00902	37013	82075		
Culdrose	809	20503	81011	06345	12502	37117	81820		
Scilly	804	33407	83011	06748	38400	39218	83818		
Elmdon	534	40605	09424	06538	36200	37210	83704	84635	
Shawbury	414	70000	03586	06837	362++	36012	83705	87656	
Manchester	334	60000	06044	06240	45632	37114	84640	86075	
Squires Gate	318	60000	17042	06340	38635	37111	81830	83656	
Valley	302	11504	48044	05942	11502	40110	81825		
Ronaldsway	204	51510	34049	05646	42430	40005	84818		
Silloth	214	70801	17108	06734	735++	33105	81920	86635	
Watnall	354	60000	07044	06539	36631	37114	83630	83360	
Spurn Head	396	53402	32284	05943	22508	41214	82825	83270	
Finningley	360	53102	05424	07138	00901	36215	85075		
Dishforth	261	73306	16058	06738	6853+	36108	81825	86650	
Tynemouth	262	30000	58021	06443	48600	36112	82830	84636	
Eskdalemuir	162	70000	63032	07937	555+8	35106	85628	87272	
Mull of Galloway	131	72310	74169	05142	794++	37206	87915		
Prestwick	135	40000	48041	05938	28602	32105	81830	83075	
Renfrew	141	90000	01434	06731	9+0++	31103	89+01		
Leuchars	171	63201	17284	06234	28542	29004	81820	86070	
Dyce	091	60000	12258	08133	48501	33003	83825	83635	
Wick	075	71512	74028	07743	48406	36107	81712	86270	
Cape Wrath	049	81409	83022	04239	8097+	35207	88360		
Sule Skerry	010	71413	85032	05545	386+5	38218	83630	87270	
Lerwick	005	71417	82011	10041	51462	36105	85818	85075	
Stornoway	026	81513	74211	03743	6572+	35105	86656	88460	
Benbecula	022	82318	59818	01937	893++	37204	83708	88916	
Tiree	100	72419	61878	04138	5932+	36212	83708	84916	87458
Aldergrove	917	92203	F9494	06431	9+0++	31209	89+01		
Malin Head	980	41603	80011	04137	43500	31004	82920	84645	
Belmullet	976	62006	82258	04246	634++	39005	86918		
Birr	965	11904	82021	06938	15600	34209	81638		
Collinstown	969	32608	62030	06636	18532	32110	81827	83070	
Rineanna	962	01205	02464	07233	00900	33007			
Roches Point	952	13204	74021	07841	15600	36116	81645		
Valentia	953	60000	75808	07943	635++	38112	86925		

OBSERVATIONS at 18h. 8 December 1960

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_ssCh_sh_s$	$8N_ssCh_sh_s$	$8N_ssCh_sh_s$
Kew	775	90000	05206	08539	9+0++	38215	89+03		
London Airport	772	93603	05606	08538	9+0++	37220	89+02		
Gatwick	776	70305	28016	07939	763++	38115	87708		
Thorney Island	871	63601	13102	07939	654++	39218	86615		
Hurn	862	80305	26042	08438	863++	36220	81704	88706	
Guernsey	894	33306	58058	08841	38600	37322	82812	83635	
Felixstowe	697	93002	F2454	08634	9+0++	34206	89+00		
Gorleston	497	10907	62018	08246	15500	42210	81628		
Mildenhall	578	90000	02434	09232	9+0++	32215	89+02		
Cardington	559	90000	01434	09334	9+0++	33217	89+05		
West Raynham	485	60105	19102	08337	00902	37217	86275		
Wittering	462	90000	01474	09230	9+0++	30218	89+01		
Boscombe Down	746	83204	22102	08937	861++	36221	88702		
Ross-on-Wye	627	80802	17102	09138	863++	35219	88708		
Bristol	628	80306	08444	09337	862++	36220	88703		
Aberporth	502	70000	48028	08838	784++	34220	82818	87643	
Rhoose (Cardiff)	715	20803	19041	09138	25500	36220	82622		
Plymouth	827	00000	08464	09136	00900	35219			
Chivenor	707	90903	F2474	09330	9+0++	30225			
St. Mawgan	817	32202	35100	09440	15430	37221	81615		
Culdrose	809	10000	50100	09636	14630	32329	81635		
Scilly	804	23409	82010	09745	22500	35224	82824		
Elmdon	534	90808	03434	09436	9+0++	36220	89+01		
Shawbury	414	80000	11106	09237	355++	36115	83625	87647	
Manchester	334	81704	37044	08440	856++	36316	88641		
Squires Gate	318	51108	07414	08434	50930	33114	85359		
Valley	302	40000	66022	08339	484++	37217	82815	84630	
Ronaldsway	204	52805	82018	07639	28402	37205	81818	84070	
Silloth	214	60806	48102	08234	40932	33110	84359	84072	
Watnall	354	40000	03464	09234	456++	33216	84640		
Spurn Head	396	71507	57038	08444	735++	39216	87920		
Finningley	360	50000	04464	09536	00902	35217	85075		
Dishforth	261	73003	13058	09237	355+2	35214	83625	84650	86074
Tynemouth	262	61403	08418	09443	656++	38213	86636		
Eskdalemuir	162	20000	74018	09632	00901	32110	82070		
Mull of Galloway	131	21806	80017	06840	23400	38314	82918		
Prestwick	135	71308	62026	06738	355++	35001	83620	87650	
Renfrew	141	80805	01616	07435	6553+	35105	86622	86360	
Leuchars	171	62301	17114	07535	15742	34207	81650	86070	
Dyce	091	82104	40818	09535	784++	35309	82710	84816	87632
Wick	075	11409	83011	08743	15600	35206	81630		
Cape Wrath	049	81409	83022	05339	8092+	36206	88458		
Sule Skerry	010	81418	84032	06345	864++	38207	88715		
Lerwick	005	81318	82028	11342	884++	36307	86818	88650	
Stornoway	026	71316	74028	04343	785++	38105	85822	87640	
Benbecula	022	81814	66808	02639	834++	37203	88912		
Tiree	100	71818	66258	03441	5946+	39701	81712	85920	85358
Aldergrove	917	91808	02494	07131	9+0++	31206	89+00		
Malin Head	980	81912	66608	04335	884++	32000	81818	88650	
Belmullet	976	42511	80038	04544	43500	38005	84920		
Birr	965	31702	80011	07935	38500	34207	82823	83638	
Collinstown	969	12504	58050	08034	10930	31210	81360		
Rineanna	962	41602	66254	07839	49500	37205	82920	84635	
Roches Point	952	12406	74010	09041	15700	35109	81650		
Valentia	953	32804	80018	08546	38500	42206	82825	83640	

OBSERVATIONS during DAY

Station	iii	RRT_xT_xE	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Kew	775	01401	000	fr_or_orr	$r_or_oid_of$
London Airport	772	01381	000	Fr_or_o	rrf
Gatwick	776	02391	000	$FFir_o$	+
Thorney Island	871	00411	000	+	f
Hurn	862	00391		+	+
Guernsey	894	05481	017	pr	+
Felixstowe	697	97371	002	FF	FF
Gorleston	497	97471	054	f	pr_o
Mildenhall	578	97321	000	FF	FFff
Cardington	559	97351	000	ff	ff
West Raynham	485	00421	019	1F	+
Wittering	462	00361	000	fFF	FF
Boscombe Down	746	00381	000	+	ff
Ross-on-Wye	627	00391	000	f	f
Bristol	628	00381	000	ff	1fff
Aberporth	502	93421	040	+	pr_o
Rhoose (Cardiff)	715	00411	000	+	+
Plymouth	827	00431	039	f	F
Chivenor	707	00381	008	+	FF
St. Mawgan	817	00430	047	+	+
Culdrose	809	97461	067	+	pr_o
Scilly	804	00490	047	+	+
Elmdon	534	00401	000	1fff	1fff
Shawbury	414	91391	000	ffd_cr_off	ff
Manchester	334	00431	002	f	1f
Squires Gate	318	00403	006	1f	1fff
Valley	302	97461	034	fpr_o	pr_o
Ronaldsway	204	03461	008	pr	pr
Silloth	214	97383	007	pr_o	+
Watnall	354	00411	000	ff	ffFF
Spurn Head	396	97460	059	f	pr_of
Finningley	360	00423	003	ff	FF
Dishforth	261	97401	003	pr_o	f
Tynemouth	262	01461	+++	ff	ffprFF
Eskdalemuir	162	97383	013	pr_o	+
Mull of Galloway	131	05442			
Prestwick	135	02403	017	id_oir_o	r_or_orr
Renfrew	141	01381	000	FFff	$ffir_o$
Leuchars	171	00394	012	f	f
Dyce	091	05374	000	$pr_opr_oh_oph$	$prpr_o$
Wick	075	97441	000	+	$1r_o$
Cape Wrath	049	00411		+	+
Sule Skerry	010	00460			
Lerwick	005	92421	002	pr_o	pr_o
Stornoway	026	95442	000	$1r_o$	pr_o
Benbecula	022	07422	000	phrpr	$pr_or_or_or_os_o$
Tiree	100	04441	000	$pr_oph_or_o$	$pr_oprhr_or_o$
Aldergrove	917	97321	000	FF	fFFff
Malin Head	980	9140	032		
Belmullet	976	0147	034		
Birr	965	9741	044		
Collinstown	969	9739	061		
Rineanna	962	9641	019		
Roches Point	952	9746	063		
Valentia	953	9148	026		

Code FM 21.A

OCEAN WEATHER STATION REPORTS at 12h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_ssCh_sh_s$	$8N_ssCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
A	50620	32712	33322	80158	97839	39400	00239	+++++	+++++	05530	13346
B	50565	51012	80904	65616	87738	67326	00717	86808	88450	00036	11964
C	50523	35512	91728	02516	94949	9+0++	00639	89+02	+++++	00249	14944
D	50440	41012	81828	61022	06663	2727+	00302	82705	88459	00359	11940
I	50591	19112	53216	97158	99243	53400	00217	83820	84820	05735	13145
J	50530	17512	82923	97606	06949	5557+	61218	85625	88360	05346	17941
K	50443	15712	73129	70028	20054	68502	71209	82823	85646	05141	13255
M	53659	02012	31127	80021	20543	35500	21109	83630	+++++	05528	11136

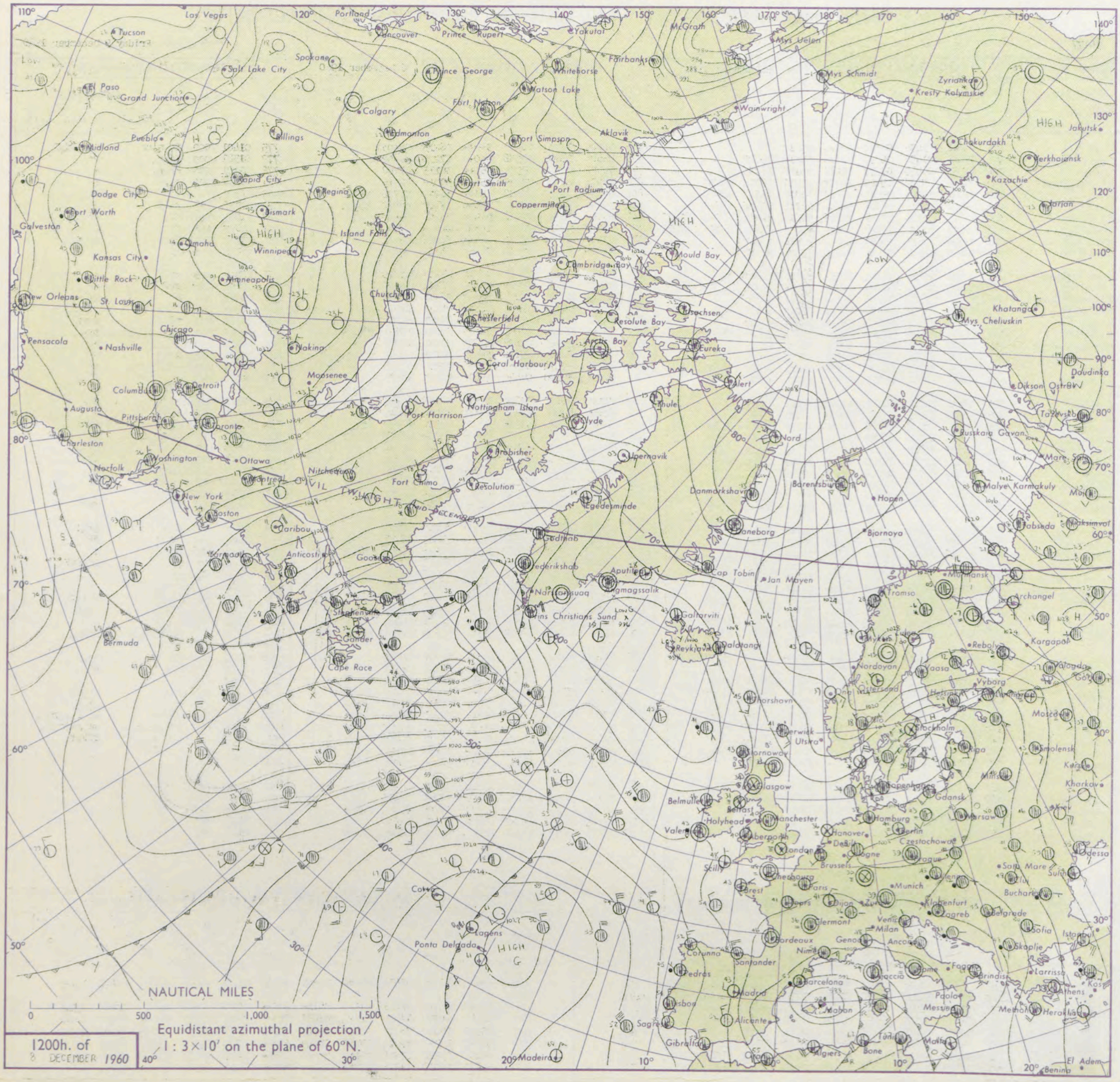
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_ssCh_sh_s$	$8N_ssCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
A	50620	33018	33410	80158	99939	29541	00106	+++++	+++++	05428	13433
B											
C	50528	35518	92031	01455	95149	9+0++	00312	89+02	+++++	00249	12146
D	50440	41018	71830	61024	03863	763++	00714	87709	+++++	00360	16040
I	50591	19018	33109	98011	03343	32400	00223	84818	+++++	05726	13143
J	50529	18318	82922	97026	08649	5257+	52212	85820	88460	05346	12949
K	50451	15918	83224	70258	20454	7765+	71306	85733	83646	05346	13445
M	53660	02018	31126	80251	21643	39500	62211	82920	+++++	05430	11235

All times of observation printed in this publication are GREENWICH MEAN TIME.

SIR GRAHAM SUTTON, C.B.E., D.Sc., F.R.S., Director General. Meteorological Office, Air Ministry, Kingsway, London, W.C.2

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



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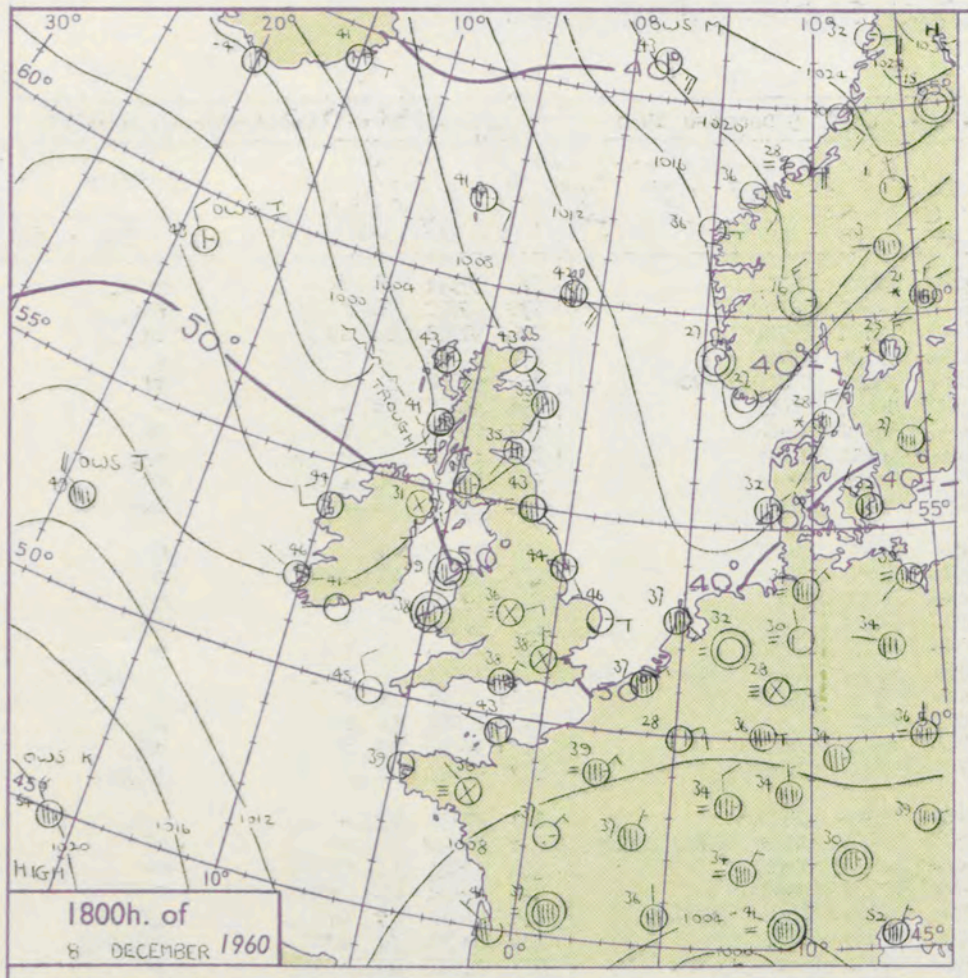

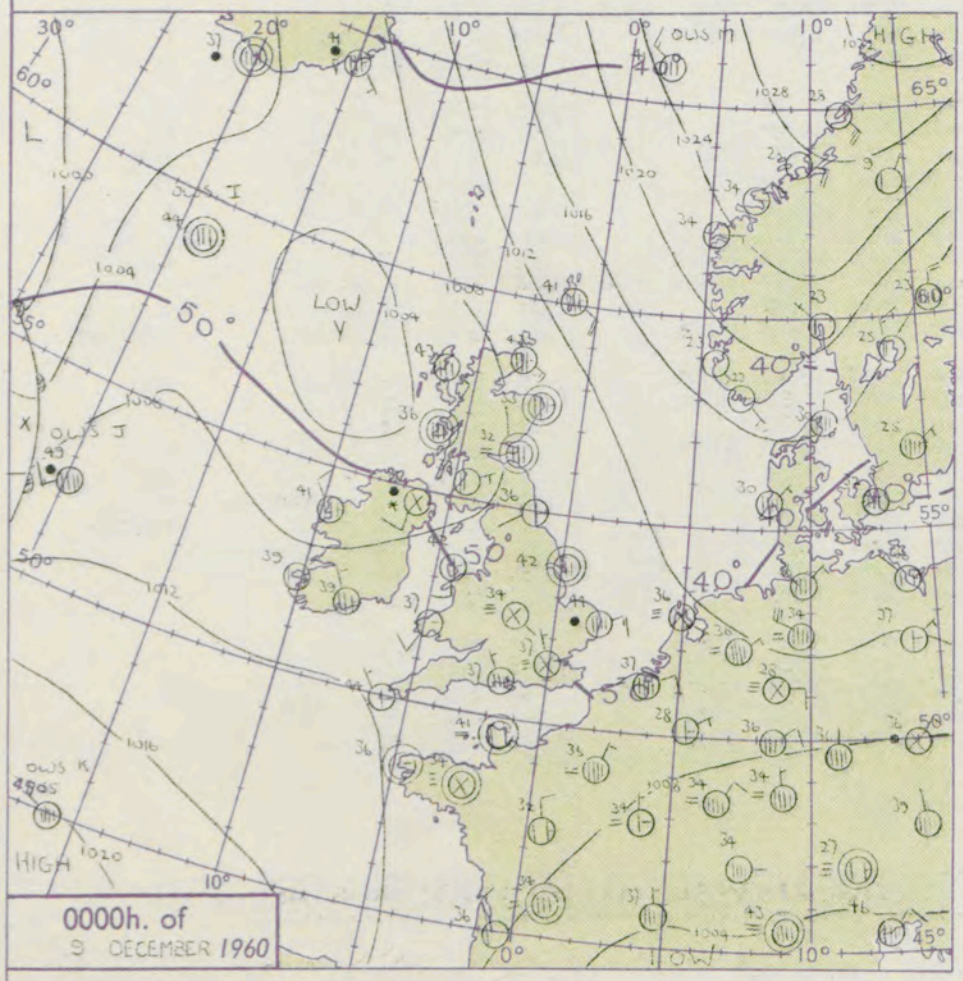

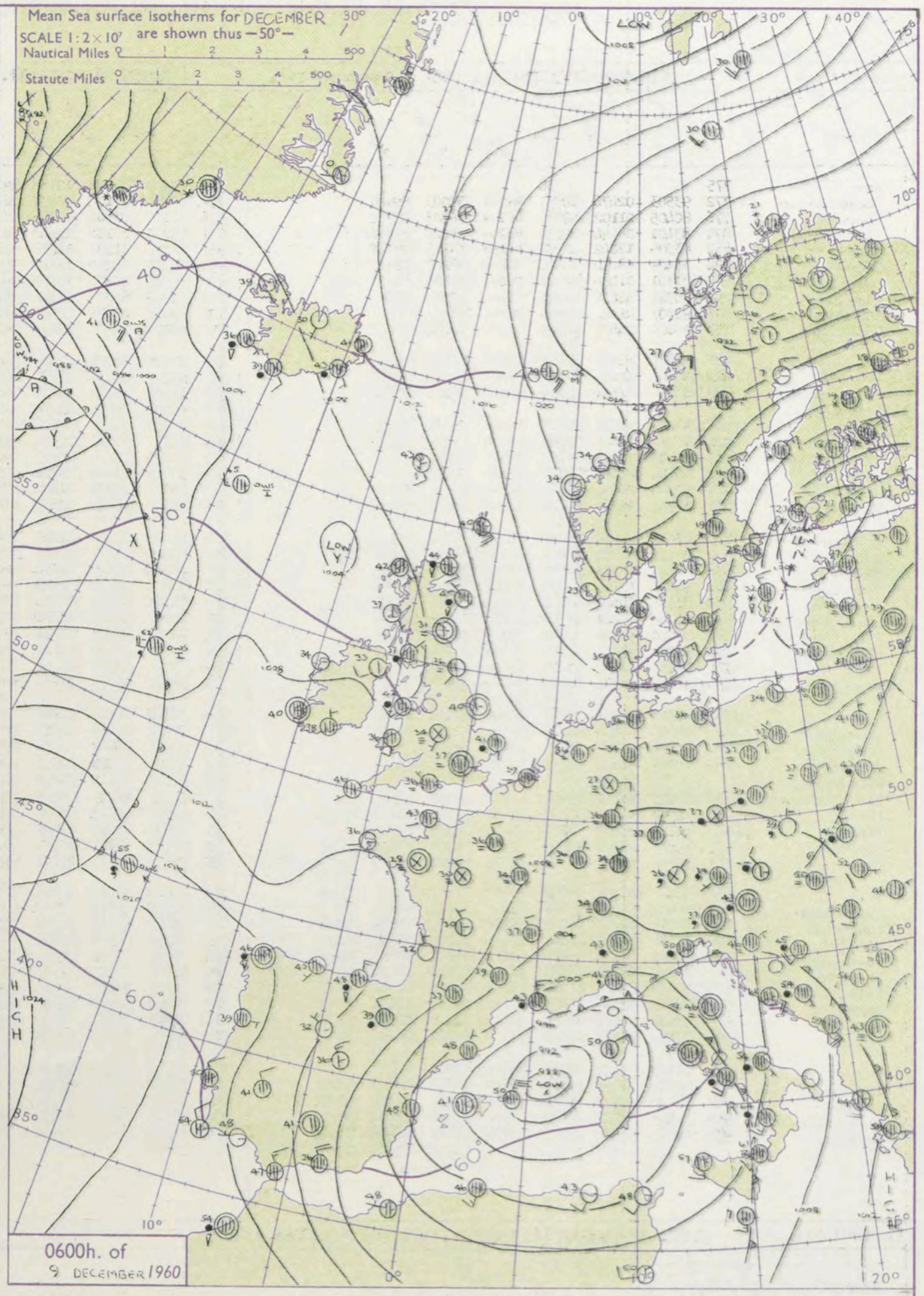

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Friday 9 December 1960

Pressure over the British Isles has continued rather uniform and is likely to remain so over much of England and Wales. A warm front is approaching western Ireland and Scotland from the Atlantic but is not likely to move into the British Isles during the next 24 hours.

FORECAST for Great Britain and Northern Ireland until noon tomorrow

Fog is likely to persist all day in a few places in central and eastern England and fog and frost will be general tonight. Showers will occur in eastern coastal areas of England and Scotland and thunder locally in the north. A period of rain with snow on high ground will move south over Wales and southwest England. Bright periods elsewhere.

OUTLOOK for the following 24 hours:-

Fog and frost in central and eastern England. Rain may spread into western Scotland from the Atlantic.

Code FM 11.A

OBSERVATIONS at 00h. 9 December 1960

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775			38					
London Airport	772	93503	02476	10037	9+0++	37003	89+01		
Gatwick	776	80405	21102	09837	861++	36203	88702		
Thorney Island	871	83401	06444	09739	862++	38005	88704		
Hurn	862	83305	17042	10037	862++	36105	88705		
Guernsey	894	33409	58050	10941	32500	36207	83820		
Felixstowe	697	93301	01454	10034	9+0++	34104	89+01		
Gorleston	497	80915	58636	10244	854++	40105	88619		
Mildenhall	578	92801	01494	10131	9+0++	31400			
Cardington	559	90000	04474	10334	9+0++	34102	89+02		
West Raynham	485	60302	11101	09833	6093+	33104	86360		
Wittering	462	90000	02474	10133	9+0++	33003	89+02		
Boscombe Down	746	83103	04444	10636	860++	36103	88701		
Ross-on-Wye									
Bristol	628	90000	02464	10635	9+0++	35004	89+00		
Aberporth	502	12010	56018	09937	18500	33101	81820		
Rhoose (Cardiff)	715	90502	02434	10731	9+0++	31302			
Plymouth	827	00406	F3464	11830	00900	30211			
Chivenor	707	90908	01434	10629	9+0++	29001	89+01		
St. Mawgan	817	31802	59030	11034	35600	34002	83630		
Culdrose	809	13002	14120	11238	11400	35304	81812		
Scilly	804	33106	81030	12144	32500	37214	83825		
Elmdon	534	91402	F5454	10634	9+0++	34205	89+00		
Shawbury	414	90000	F2474	10530	9+0++	30304	89+00		
Manchester	334	71703	09444	10137	754++	35106	87612		
Squires Gate	318	11306	02464	09728	10930	28105	81359		
Valley	302	31810	57020	09042	35600	40400	83635		
Ronaldsway	204	21904	89021	08333	21500	32801	82820		
Silloth	214	71101	28602	09235	6563+	34102	82630	86640	
Watnall	354	90000	F9474	10431	9+0++	31060			
Spurn Head	396	60000	48034	10042	664++	41101	86710		
Finningley	360	90000	F1454	10431	9+0++	31101	89+00		
Dishforth	261	00000	01464	10230	00900	30101			
Tynemouth	262	32502	04444	09936	70970	33101	83358		
Eskdalemuir									
Mull of Galloway	131	51817	82031	06443	52500	36809	85820		
Prestwick	135	40806	62031	07233	15631	31803	81640	83360	
Renfrew	141	41106	48046	07736	40930	33000	84360		
Leuchars	171	60000	58102	08532	55631	31203	85634	83358	
Dyce	091	70000	58042	10033	38502	33701	81820	83650	87070
Wick	075	71413	82026	09843	1563+	36103	81630	87360	
Cape Wrath	049	81413	83022	05540	8092+	38714	88458		
Sule Skerry	010	61413	84012	07245	2851+	38206	82820	86460	
Lerwick	005	71321	82022	13341	784++	34108	83815	86635	
Stornoway	026	61312	74018	05143	5853+	42201	81825	84656	
Benbecula	022	80000	69687	03833	8072+	33206	88550		
Tiree	100	70000	66018	04236	4257+	36204	84822	87458	
Aldergrove	917	91912	28696	06833	9+0++	32503	89+10		
Malin Head	980	52209	80016	04836	2253+	35105	82820	85360	
Belmullet	976	73108	80038	06441	735++	33107	82920	87650	
Birr	965	72007	70016	08038	756++	37501	87636		
Collinstown	969	72004	62051	07837	756++	32702	83635	87656	
Rineanna	962	72708	74808	08141	785++	39701	83822	87640	
Roches Point	952	73403	74031	09439	785++	37502	81820	87656	
Valentia	953	50502	70031	09539	55600	37601	85634		

OBSERVATIONS at 06h. 9 December 1960

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775	81103	13104	10338	864++	37702	88712		
London Airport	772	80000	12104	10237	861++	37803	88702		
Gatwick	776	80000	21284	10336	861++	35701	88702		
Thorney Island	871	83101	13104	10440	862++	36000	88705		
Hurn	862	83005	14102	10836	662++	35202	86703	88704	
Guernsey	894	33307	58050	11840	31500	35205	83825		
Felixstowe	697	93305	02474	10435	9+0++	35802	89+01		
Gorleston	497	81807	60616	10441	854++	40400	86619		
Mildenhall	578	92405	01474	10531	9+0++	31000	89+++		
Cardington	559	90000	02474	10635	9+0++	34501	89+01		
West Raynham	485	92803	F4494	10029	9+0++	29802	89+00		
Wittering	462	82705	12104	10133	861++	33802	88702		
Boscombe Down	746	93201	03474	11233	9+0++	33801	89+00		
Ross-on-Wye	627	92102	F9454	10134	9+0++	33400	89+00		
Bristol	628	80000	14104	10636	863++	36707	88706		
Aberporth	502	61811	58030	08736	4853+	34712	81820	84650	85359
Rhoose (Cardiff)	715	91003	05474	10633	9+0++	33703	89+00		
Plymouth	827	03605	03424	11028	00900	28804			
Chivenor	707	11007	18104	10330	15500	30807	81620		
St. Mawgan	817	11802	66030	10833	15600	33806	81630		
Culdrose	809	10000	80020	11237	15430	31705	81612		
Scilly	804	72306	83031	10546	58570	39809	82820	84630	86358
Elmdon	534	92105	01474	10734	9+0++	34602	89+00		
Shawbury	414	91603	01454	09933	9+0++	33608	89+00		
Manchester	334	82005	14284	09234	462++	32808	84704	88707	
Squires Gate	318	11311	08424	08332	00901	31813	81070		
Valley	302	72209	63606	07042	454++	42712	84616	87630	
Ronaldsway	204	83503	74216	07139	3562+	38505	81715	83630	88460
Silloth	214	71311	23056	08138	3553+	34707	83625	85633	
Watnall	354	90000	01454	10034	9+0++	34704			
Spurn Head	396	30000	12284	10040	35500	40400	83625		
Finningley	360	90000	F5454	10232	9+0++	32703	89+00		
Dishforth	261	62403	07444	09831	657++	31704	86656		
Tynemouth	262	42302	12104	09836	40970	34501	84358		
Eskdalemuir	162	80000	66022	09833	00907	31712	88270		
Mull of Galloway	131	72009	80026	06039	774++	36500	87715		
Prestwick	135	80305	56619	06737	574++	35805	85712	88715	
Renfrew	141	80905	58041	07537	354++	34400	83617	85629	88645
Leuchars	171	30000	56101	08231	35700	30704	83650		
Dyce	091	73007	62808	10340	685+2	34203	85825	87070	
Wick	075	71412	80802	10844	5253+	35211	85820	87359	
Cape Wrath	049	80905	82022	07540	25607	38201	82630	88270	
Sule Skerry	010	51413	84032	08345	585++	38205	85620		
Lerwick	005	71424	82031	14740	38406	33208	81815	87275	
Stornoway	026	71208	66252	07242	7843+	34213	86635		
Benbecula	022	41005	80157	05932	39460	32210	83916		
Tiree	100	21501	66017	06337	23400	34212	81916		
Aldergrove	917	22408	59017	06933	25500	32400	82625		
Malin Head	980	52306	62808	06636	535++	34207	85920		
Belmullet	976	12002	80023	07634	12500	31400	81822		
Birr	965	62102	77028	09037	585++	36207	92823	85636	
Collinstown	969	72607	74036	07436	755++	33702	82620	87630	
Rineanna	962	72603	74038	08540	58530	38603	82820	85640	87358
Roches Point	952	73505	74022	08938	785++	36605	81820	87656	
Valentia	953	80000	69032	08940	885++	39608	86820	88630	

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Kew	775	97371	36	ff	ffir_o
London Airport	772	97371	36	F	Fid_o
Gatwick	776	97351	34	ff	ff
Thorney Island	871	00361	31	f	+
Hurn	862	97331	33	+	ff
Guernsey	894	00391	29	+	+
Felixstowe	697	97331	31	FF	ff
Gorleston	497	13342	33	rrr_or_o	r_or_o
Mildenhall	578	91301	30	ffFF	FF
Cardington	559	97331	35	ff	ffFF
West Raynham	485	97253	22	+	FF
Wittering	462	97281	27	ffFF	FF
Boscombe Down	746	97321	32	ff	FF
Ross-on-Wye	627	97321	31	ff	ffF
Bristol	628	00341	34	f	fF
Aberporth	502	04351	30	pr_o	ir_iRpr_o
Rhoose (Cardiff)	715	00291	24	f	f
Plymouth	827	00263	24	FF	FFf
Chivenor	707	97293	27	fF	ir_o
St. Mawgan	817	91311	22	+	ir_opr_o
Culdrose	809	97331	22	+	d_or_o
Scilly	804	04422		+	pR
Elmdon	534	97321	33	FF	FF
Shawbury	414	00301	24	ffFF	FFff
Manchester	334	00311	27	iff	ifFFff
Squires Gate	318	01273	22	ffFF	FFffir_o
Valley	302	09361	29	+	pr
Ronaldsway	204	05301	26	+	$ir_or_or_opr_o$
Silloth	214	97323	29	ir_o	+
Watnall	354	97301	26	FF	FF
Spurn Head	396	00380		+	ff
Finningley	360	00301	30	FF	FF
Dishforth	261	00281	24	ffFF	ffFF
Tynemouth	262	00251	25	FFff	ff
Eskdalemuir	162	00291	26	+	+
Mull of Galloway	131	09362			
Prestwick	135	05312	27	tl	r_or_orr
Renfrew	141	00351	30	f	+
Leuchars	171	00274	23	+	f
Dyce	091	11302	26	pr_opr	$prhpr_opr$
Wick	075	01412	38	ir_o	ir_o
Cape Wrath	049	00393	34	+	+
Sule Skerry	010	00420	41		
Lerwick	005	00401	36	+	+
Stornoway	026	97391	36	+	pr_o
Benbecula	022	05295	24	pr_oiRssr_oso	+
Tiree	100	06341	27	rsr_oso	rsr_oso
Aldergrove	917	05295	29	$ir_or_or_orsrsir_o$	+
Malin Head	980	02341	31		
Belmullet	976	01323	25		
Birr	965	01283	24		
Collinstown	969	03331	26		
Rineanna	962	05371	34		
Roches Point	952	97371	30		
Valentia	953	97381	34		

Code FM 21.A

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_s$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
A	60620	33000	30618	85030	99843	38500	00817	+++++	+++++	05328	10622
B	60565	51000	80516	63616	80339	8042+	00527	88510	+++++	00138	149+3
C	60528	35500	92031	02454	95049	9+0++	00705	89+02	+++++	00249	12146
D	60440	41000	81638	59618	99462	8032+	00517	85508	+++++	00261	16851
I	60590	18800	60000	98031	05244	30972	00111	83360	85070	05729	100+0
J	60527	18700	82414	96606	09149	854++	52703	88615	+++++	05348	149+7
K	60452	16100	82920	70022	20055	3567+	71810	83640	88360	05048	13154
M	63660	01800	63217	75021	23841	68400	21213	84815	+++++	05628	11135

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_s$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
A	60620	33006	70923	80021	98641	4741+	00711	+++++	+++++	05334	10934
B	60565	61006	81125	61616	70839	8042+	00751	88510	+++++	00138	11045
C	60528	35506	91838	02614	92151	9+0++	00719	89+03	+++++	00450	12047
D	60440	41006	82728	67026	00660	855++	00330	88625	+++++	00055	17141
I	60591	18806	72613	98022	05945	1563+	00005	81635	87364	05631	11652
J	60525	19306	82519	93516	04152	862++	52522	88703	+++++	00052	149+7
K	60451	16106	82721	57586	17555	772++	00717	87707	+++++	00013	12743
M	63659	02206	51224	75022	22939	55500	21300	85630	+++++	05728	11135

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DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 36178

Date of Issue Saturday 10 December 1960

Code FM 11.A

OBSERVATIONS at 12h. 9 December 1960

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sC_hh_s$	$8N_sC_hh_s$	$8N_sC_hh_s$
Kew	775	82305	19056	10540	662++	35600	86703	88706	
London Airport	772	92605	03505	10537	9+0++	37803	89+01		
Gatwick	776	70602	37052	10439	654++	37607	83708	86615	87650
Thorney Island	871	80000	19102	10638	863++	36804	88708		
Hurn	862	92402	03434	10834	9+0++	32804	89+01		
Guernsey	894	30000	60050	11647	31502	38804	83820		
Felixstowe	697	23306	21014	10336	26300	34806	82706		
Gorleston	497	72707	14106	10835	755++	35804	83628	87638	
Mildenhall	578	92205	02454	10632	9+0++	32802	89+02		
Cardington	559	82102	10424	10436	862++	36803	88704		
West Raynham	485	92307	01494	10531	9+0++	31703	89+00		
Wittering	462	90000	02474	10035	9+0++	35803	89+02		
Boscombe Down	746	91803	01454	10832	9+0++	32804	89+00		
Ross-on-Wye	627	81905	08616	09237	8032+	36809	88506		
Bristol	628	81405	03604	10734	861++	34803	88702		
Aberporth	502	73013	66278	08240	784++	38802	81714	87818	
Rhoose (Cardiff)	715	71805	48614	09440	3737+	39809	83706	85810	86356
Plymouth	827	70000	08464	10237	3567+	36708	83632	83358	87460
Chivenor	707	70907	57216	09537	35639	36805	81708	83625	87275
St. Mawgan	817	71906	70018	10043	1247+	41807	81818	86368	
Culdrose	809	72406	78216	10546	3847+	44804	82818	87362	
Scilly	804	72608	83038	09849	3857+	45806	81820	83625	87362
Elmdon	534	91607	02454	10133	9+0++	33804	89+03		
Shawbury	414	81305	07717	09133	862++	33805	88703		
Manchester	334	82003	14104	09134	362++	32000	83703	88707	
Squires Gate	318	81211	04697	08633	861++	32000	88702		
Valley	302	53307	80158	07942	59400	37005	81915	84822	
Ronaldsway	204	73107	80038	08043	52532	37206	85820		
Silloth	214	50807	20022	09235	15732	33004	81656	84362	
Watnall	354	92704	F9454	09834	9+0++	34802			
Spurn Head	396	81706	F5464	09937	864++	37400	88710		
Finningley	360	90000	F9434	10034	9+0++	34803	89+01		
Dishforth	261	92501	03474	09833	9+0++	31000	89+03		
Tynemouth	262	80000	02444	10238	855++	35104	88625		
Eskdalemuir	162	70402	66022	10633	65631	31105	86640	83358	86070
Mull of Galloway	131	83210	80636	87538	864++	38104	88715		
Prestwick	135	71505	57606	09138	3747+	34115	83715	83625	86650
Renfrew	141	50705	12041	09737	15401	33311	81618	84070	
Leuchars	171	71109	48808	10637	734++	37112	82712	85920	87650
Dyce	091	71304	32048	13139	784++	36113	82710	83816	86650
Wick	075	61211	62808	14442	684++	37215	85815	84650	
Cape Wrath	049	83605	83032	13040	25907	38238	82630	88770	
Sule Skerry	010	71113	84022	13045	535+5	38229	85920	86270	
Lerwick	005	71317	82032	18839	31401	31119	83815	87075	
Stornoway	026	51208	74031	11644	48530	34223	81820	84650	
Benbecula	022	61408	82018	09937	22532	34114	82822	85070	
Tiree	100	70000	74258	09838	5946+	36117	81712	84915	
Aldergrove	917	92703	F9474	09333	9+0++	33111	89+01		
Malin Head	980	42507	83258	09139	43400	35110	84918		
Belmullet	976	71403	82021	10239	26432	36208	82715	87360	
Birr	965	70000	80284	10338	25451	35007	81713	86363	87075
Collinstown	969	13010	66014	09336	12442	34007	81818		
Rineanna	962	73202	89032	10441	5567+	38010	82630	85656	87459
Roches Point	952	70108	50108	09743	6567+	39005	83635	86656	87359
Valentia	953	80203	74216	10444	2642+	42108	82718	88545	

OBSERVATIONS at 18h. 9 December 1960

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sC_hh_s$	$8N_sC_hh_s$	$8N_sC_hh_s$
Kew	775	80000	33022	09338	856++	34703	88630		
London Airport	772	81404	28045	09138	363++	35704	83708	88712	
Gatwick	776	70000	28112	09336	454++	35602	84711	87625	
Thorney Island	871	80000	11634	09137	562++	36707	85604	88707	
Hurn	862	80304	17616	08437	552++	36708	85705	88617	
Guernsey	894	82415	70616	09145	7567+	42712	83710	87630	
Felixstowe	697	90503	08434	09735	9+0++	35000	89+02		
Gorleston	497	71410	58216	09837	855++	37400	87625		
Mildenhall	578	91003	02454	10033	9+0++	32001	89+01		
Cardington	559	80000	08504	09536	872++	36500	88704		
West Raynham	485	91502	01494	10431	9+0++	31106	89+00		
Wittering	462	90000	01515	09735	9+0++	35400	89+00		
Boscombe Down	746	81604	09696	09334	870++	34502	88701		
Ross-on-Wye	627	82905	17106	08236	863++	35302	88706		
Bristol	628	53003	19106	08337	564++	36603	85710		
Aberporth	502	53315	87018	08940	585++	31205	83820	83630	
Rhoose (Cardiff)	715	23404	19104	08535	25600	34000	82630		
Plymouth	827	63207	19046	08542	656++	39501	86638		
Chivenor	707	10902	23016	08935	15600	35302	81630		
St. Mawgan	817	83510	39216	09042	5557+	42203	82708	85625	88460
Culdrose	809	83202	69608	09343	5552+	42401	82710	85620	
Scilly	804	83606	82218	09347	6642+	45304	86713	88540	
Elmdon	534	90905	03737	09433	9+0++	32502	89+++		
Shawbury	414	80000	05687	09133	862++	33208	88703		
Manchester	334	90402	09516	09436	9+0++	34308	89+05		
Squires Gate	318	50505	11287	09734	562++	33210	85703		
Valley	302	30000	74258	08640	32500	38208	83820		
Ronaldsway	204	80512	56808	10340	894++	37324	81712	86918	88640
Silloth	214	20708	28031	11733	20930	30218	82360		
Watnall	354	80905	07704	09933	862++	33104	88705		
Spurn Head	396	91805	02434	09836	9+0++	36105			
Finningley	360	90000	01454	10533	9+0++	33208	89+00		
Dishforth	261	83407	09464	10434	562++	34308	85704	88617	
Tynemouth	262	80916	61618	11541	855++	39215	88625		
Eskdalemuir	162	40000	48101	13134	46400	33217	84710		
Mull of Galloway	131	40512	70016	10937	46400	34224	84715		
Prestwick	135	10000	44046	12333	10941	30321	81358		
Renfrew	141	30707	20044	13139	35600	35222	83635		
Leuchars	171	71016	62808	13142	784++	39215	83818	87630	
Dyce	091	71106	62808	16640	784++	35324	81710	85816	87630
Wick	075	31119	74018	18141	33400	35219	81918	83635	
Cape Wrath	049	30913	83021	15540	35600	40219	83630		
Sule Skerry	010	61113	84018	16644	685++	39218	86620		
Lerwick	005	21113	82011	21737	25500	26215	82620		
Stornoway	026	01209	74021	15643	00900	35222			
Benbecula	022	10909	66021	14036	11500	32220	81825		
Tiree	100	10909	59108	13436	12500	33222	81820		
Aldergrove	917	20301	48284	12129	25500	28215	82625		
Malin Head	980	50608	82258	12042	535++	35220	85920		
Belmullet	976	12503	82018	12236	12500	33212	81820		
Birr	965	10000	66121	12230	15600	30316	81642		
Collinstown	969	12805	66404	11432	10940	30217	81360		
Rineanna	962	13502	66110	12433	15600	32216	81640		
Roches Point	952	30206	85011	11638	15670	35216	81640	83360	
Valentia	953	80000	74026	11944	865++	40215	82721	88635	

OBSERVATIONS during DAY

Station	iii	RRT_xT_xE	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Kew	775	97421	000	id_o	+
London Airport	772	91381	000	id_oFid_o	$ffir_o$
Gatwick	776	97401	000	+	ir_o
Thorney Island	871	09392	000	f	fir_ofrrRR
Hurn	862	03371		$FFffir_of$	$r_or_ofrrr_os_o$
Guernsey	894	03481	043	+	ir_oir
Felixstowe	697	00361	009	fF	Fff
Gorleston	497	02382	000	r_or_of	r_or_oFf
Mildenhall	578	97331	000	FFff	FFff
Cardington	559	97371	000	FFff	$ffid_od_od_o$
West Raynham	485	91323	000	FF	FFff
Wittering	462	91361	000	$FFffFFid_o$	$d_od_oFFid_oFF$
Boscombe Down	746	03351	000	$FFir_o$	$FFirrsir_of$
Ross-on-Wye	627	02371	000	F	fr_or_cfpr
Bristol	628	03381	000	$FFir_or_or_o$	$ir_or_or_o$
Aberporth	502	02451	013	pr_oprh	prh
Rhoose (Cardiff)	715	02421	000	$fir_or_or_o$	r_or_oiF
Plymouth	827	02421	001	f	rr
Chivenor	707	09391	000	ir_oiR	ir_oF
St. Mawgan	817	01461	008	pr_oir_o	ir_o
Culdrose	809	05471	000	$d_or_odrir_o$	pr_oir_o
Scilly	804	01501	006	pr_o	$pr_od_or_o$
Elmdon	534	07356	000	$FFffs_os_off$	$ssffr_os_off$
Shawbury	414	03345	000	$ffis_ossSSs_os_o$	$ffr_os_os_os_oir_o$
Manchester	334	02361	000	$ffis_or_or_o$	$r_os_or_or_offd_od_o$
Squires Gate	318	04365	000	$s_os_oSSr_os_orsff$	$d_or_or_os_off$
Valley	302	95451	031	pr_o	pr_o
Ronaldsway	204	97431	026	+	pr_o
Silloth	214	92393	000	+	ir_o
Watnall	354	97351	000	FF	$s_os_or_os_off$
Spurn Head	396	92402	000	FF	$FFlir_o$
Finningley	360	97351	000	FF	d_od_oFF
Dishforth	261	97361	000	FFffFF	$ffir_o$
Tynemouth	262	05442	000	ff	$ffpr_or_or_o$
Eskdalemuir	162	00353	002	+	+
Mull of Galloway	131	01392			
Prestwick	135	92393	000	ir_o	+
Renfrew	141	00401	000	+	f
Leuchars	171	09422	001	$ffpr_o$	pr_opR
Dyce	091	03421	000	pr_oprpr_o	pr_o
Wick	075	03431	002	$pr_opr_ohpr_o$	pr_o
Cape Wrath	049	00421		+	+
Sule Skerry	010	92450			
Lerwick	005	00421	001	+	+
Stornoway	026	00451	035	+	+
Benbecula	022	93395	028	pr_os_o	+
Tiree	100	01401	000	$jpprpr_o$	+
Aldergrove	917	00343	000	ffFFf	ffFF
Malin Head	980	9344	035		
Belmullet	976	9745	029		
Birr	965	9741	033		
Collinstown	969	9739	052		
Rineanna	962	9142	021		
Roches Point	952	9743	000		
Valentia	953	9646	000		

Code FM 21.A

OCEAN WEATHER STATION REPORTS at 12h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_s$app	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
A	60620	33312	80939	60656	92743	6732+	00731	+++++	+++++	05239	10936
B	60565	51012	82317	59616	63038	4732+	00736	84706	88511	00035	10556
C	60528	35512	72532	69214	91448	66440	00324	86710	82358	00145	12348
D	60440	41012	62922	65012	09857	50873	00137	85356	+++++	05344	12937
I	60590	18912	71514	98022	08447	35632	00211	83645	87362	05433	11543
J	60525	19612	82720	94515	07552	861++	51213	88702	+++++	00152	149+5
K	60451	16212	72928	70026	19057	3564+	00125	83646	86362	00154	13155
M	63659	02112	71416	7 5022	25837	75000	00118	87635	+++++	06027	11521

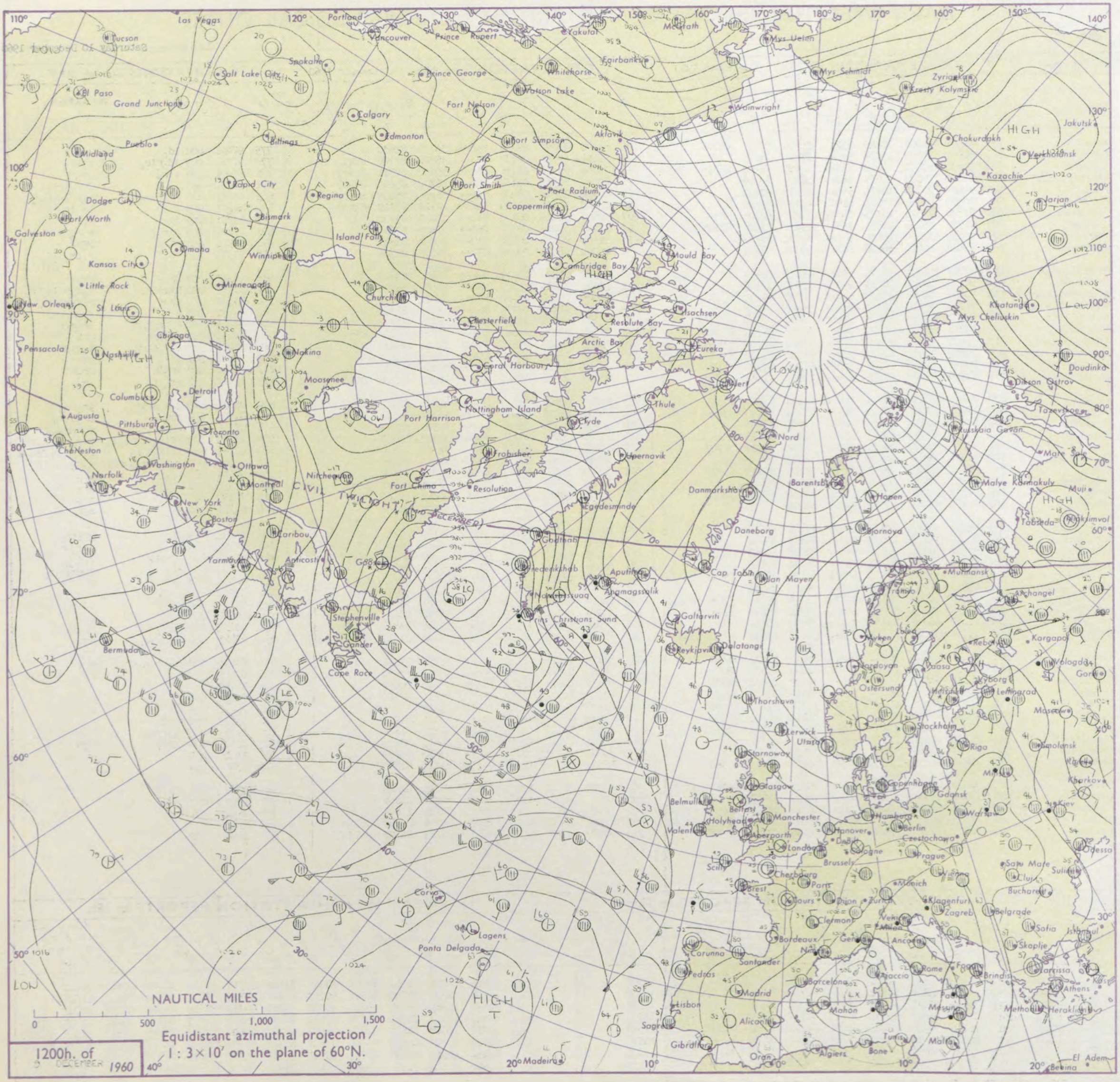
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_s$app	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
A	60620	33618	81042	30656	78045	7722+	00773	+++++	+++++	00143	16040
B	60565	51018	81840	65606	59037	854++	00720	88612	+++++	05134	11849
C	60528	35518	42537	69021	98545	35540	00237	83625	+++++	05237	12248
D	60440	41018	71822	69022	07759	30838	00614	83357	872++	05151	12249
I	60591	19018	81623	98021	07147	20947	00602	82363	88272	05345	11443
J	60523	20018	82623	95586	08851	862++	51309	88702	+++++	00051	149+5
K	60451	16318	83230	60032	20955	754++	31217	87613	+++++	00054	13156
M	63660	01918	71211	75012	27136	75500	00208	87630	+++++	06023	11135

All times of observation printed in this publication are GREENWICH MEAN TIME.

SIR GRAHAM SUTTON, C.B.E., D.Sc., F.R.S., Director General. Meteorological Office, Air Ministry, Kingsway, London, W.C.2

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



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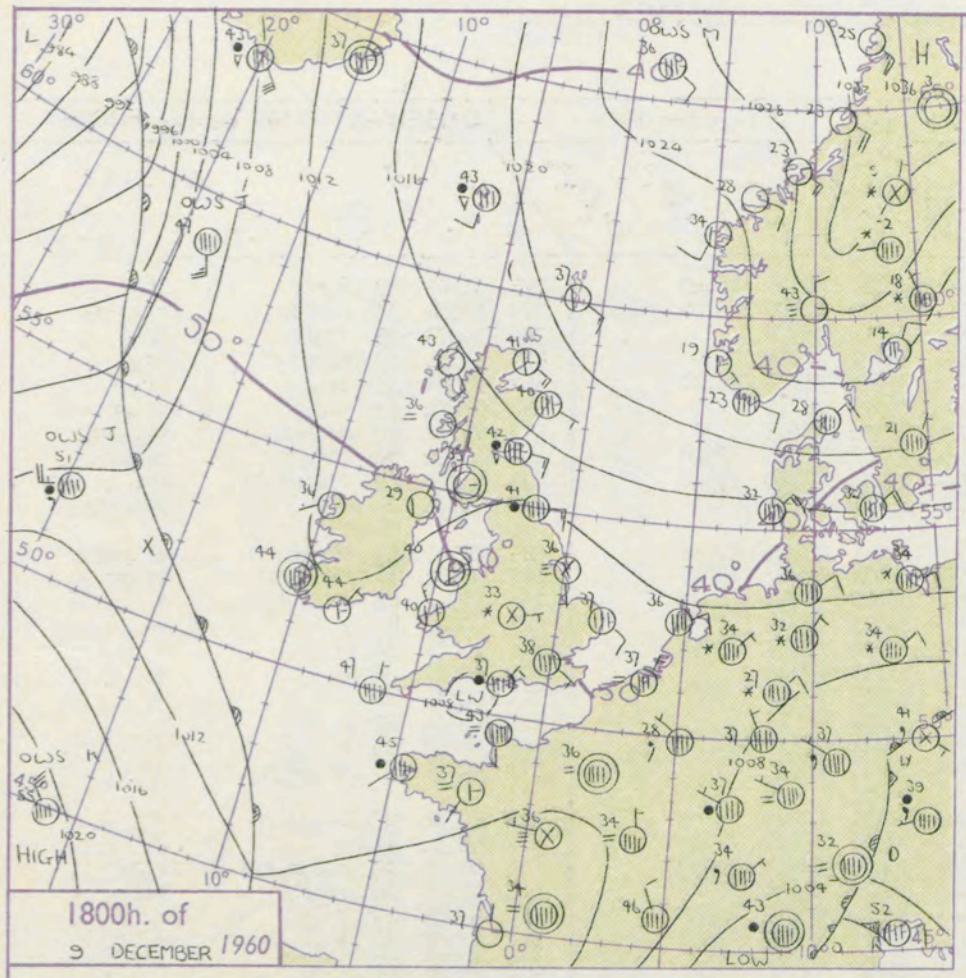
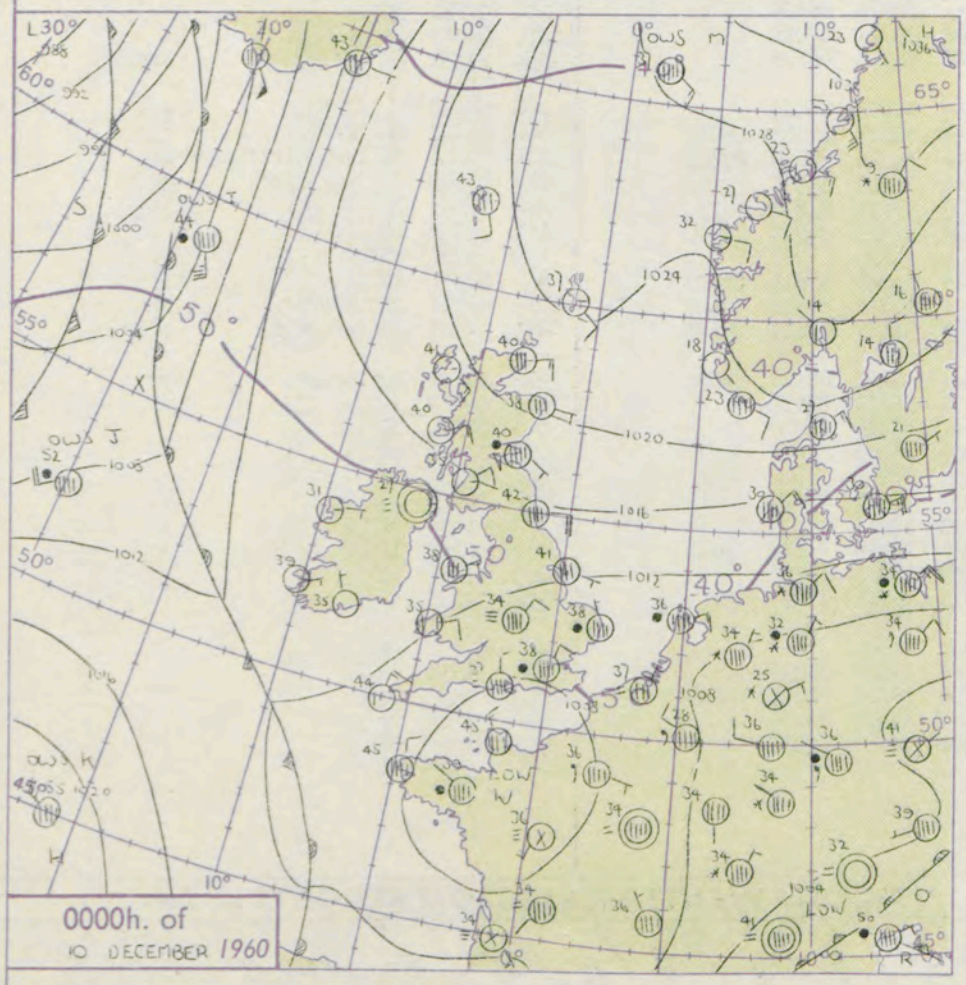
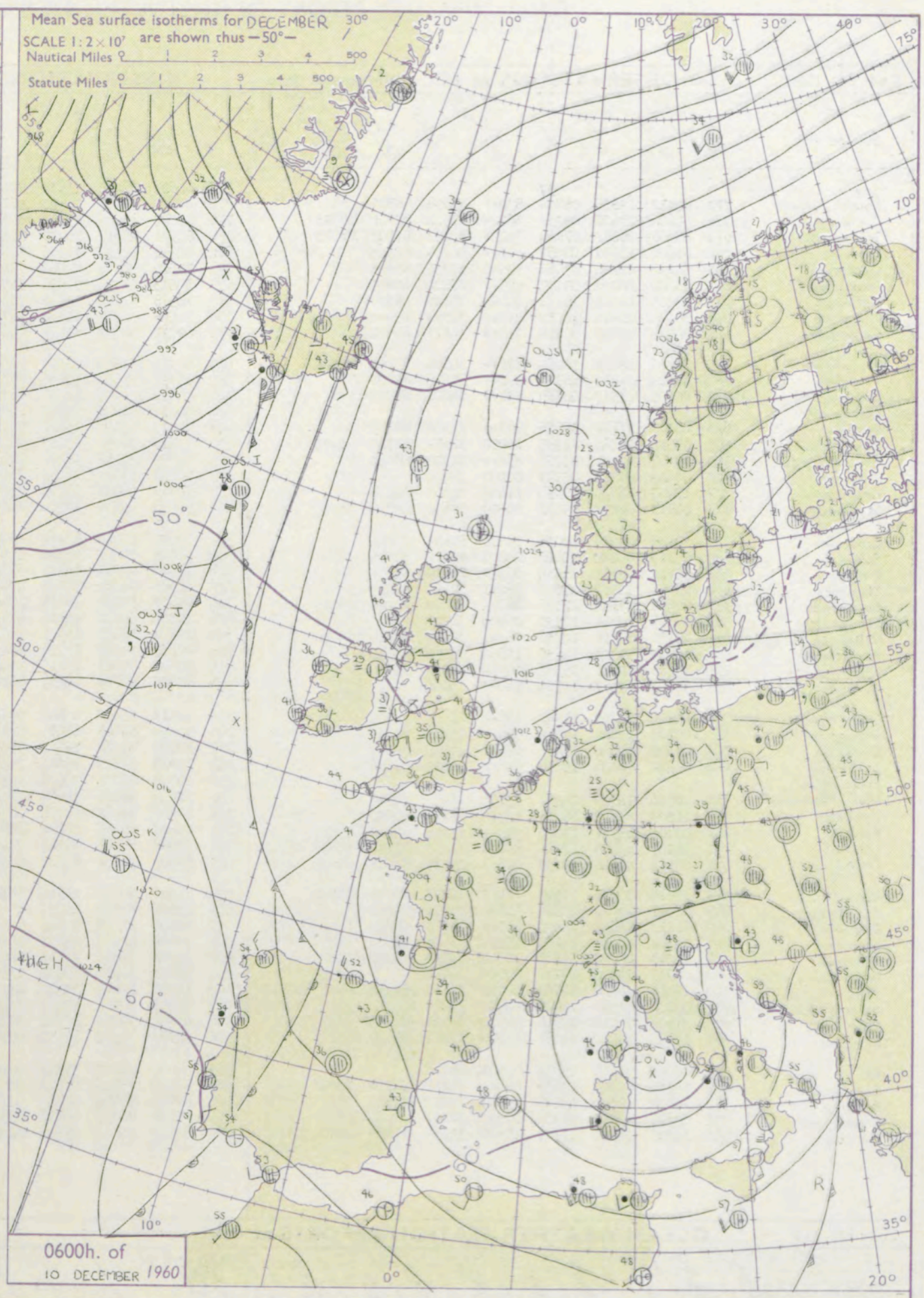
CHARTS OF WEATHER IN WEST EUROPE







GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Saturday 10 December 1960

A small depression which formed over the north Irish Sea moved southsoutheast across Wales and southwest England into France. Pressure is high over Scandinavia and a ridge developed across the British Isles behind the depression and this will continue building. The warm front over the Atlantic will thus remain to the west of the British Isles during the next 24 hours.

FORECAST for Great Britain and Northern Ireland until noon tomorrow

Mainly bright in western Scotland, in England west of the Pennines and in west and south Wales. Bright periods and perhaps scattered slight showers in Northern Ireland and southwest England. Generally cloudy elsewhere with showers of rain or sleet and snow on high ground particularly in England. Frost in sheltered areas mainly slight but moderate in Northern Ireland and central Scotland.

OUTLOOK for following 24 hours:

Continuing cold in most areas with showers in eastern and central England and bright periods in the west.

Code FM 11.A

OBSERVATIONS at 00h. 10 December 1960

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew				37					
London Airport	772	80312	19606	08838	872++	36304	88705		
Gatwick	776	80606	28636	08038	3622+	37502	83704	88515	
Thorney Island	871	80303	26697	07434	7622+	33607	87703	88515	
Hurn	862	83608	23107	07237	862++	36705	88705		
Guernsey	894	53416	82026	07043	52500	33706	85825		
Felixstowe	697	80402	48026	09137	856++	36502	88640		
Gorleston	497	83505	48616	10138	8052+	38602	88520		
Mildenhall	578	90605	03474	10232	9+0++	32303	89+++		
Cardington	559	90206	02455	10234	9+0++	34111	89+02		
West Raynham	485	80712	48617	10934	373++	34306	83708	88620	
Wittering	462	90310	02435	10735	9+0++	35208	89+01		
Boscombe Down	746	80105	23517	08534	871++	34801	88702		
Ross-on-Wye									
Bristol	628	80310	17102	09535	863++	35308	88706		
Aberporth	502	50812	58048	11535	46400	32319	82710	84713	
Rhoose (Cardiff)	715	80208	62031	09735	854++	31309	88613		
Plymouth	827	03409	61021	08937	00900	34400			
Chivenor	707	13607	66024	09338	11400	34202	81818		
St. Mawgan	817	63513	66898	09841	68500	39400	84820	85630	
Culdrose	809	30106	80026	10036	35500	31400	83625		
Scilly	804	20113	82020	10244	22400	37204	82815		
Elmdon	534	80212	06467	11534	862++	34210	88703		
Shawbury	414	83603	11107	12033	862++	32114	88705		
Manchester	334	80608	13104	12036	363++	35209	83706	88708	
Squires Gate	318	00308	32041	12935	00900	32112			
Valley	302	70706	63031	12738	785++	37217	83820	85630	
Ronaldsway	204	10212	59028	13636	15600	35215	81640		
Silloth	214	10506	64011	15332	10930	31220	81360		
Watnall	354	90603	04437	11534	9+0++	34106			
Spurn Head	396	61104	59016	11541	634++	41208	86915		
Finningley	360	80208	15284	13035	864++	35213	88711		
Dishforth	261	63509	61026	13436	656++	34213	86631		
Tynemouth	262	80922	66026	15042	856++	34222	88636		
Eskdalemuir									
Mull of Galloway	131	20514	72020	14039	25400	36211	82618		
Prestwick	135	10609	58040	16335	15700	32218	81650		
Renfrew	141	80806	48041	17040	555++	37218	85620	88629	
Leuchars	171	81207	60808	17540	884++	37218	81710	86818	88627
Dyce	091	60905	59258	19638	684++	35215	82818	86630	
Wick	075	70815	80258	21940	784++	35218	83814	87630	
Cape Wrath	049	10909	83020	20338	15600	35220	81630		
Sule Skerry	010	61113	84808	20843	635++	36218	86920		
Lerwick	005	11208	82011	24137	15500	26209	81628		
Stornoway	026	11213	80020	19541	10940	33117	81362		
Benbecula	022	00917	74020	17738	00900	34212			
Tiree	100	10814	74030	16740	10940	36111	81358		
Aldergrove	917	00000	01460	16027	00900	26220			
Malin Head	980	21807	74011	15935	28500	33121	81820		
Belmullet	976	10805	74020	14831	15700	30213	81650		
Birr	965	00000	01444	15527	00900	26316			
Collinstown	969	53406	62016	13836	564++	34212	82716	85628	
Rineanna	962	10504	66404	15028	15600	27212	81640		
Roches Point	952	03306	80010	13735	00900	32207			
Valentia	953	10805	74011	13739	15600	31209	81630		

OBSERVATIONS at 06h. 10 December 1960

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775	80607	62216	11338	856++	33310	82708	88640	
London Airport	772	80109	56237	10937	563++	35309	82706	85708	88623
Gatwick	776	80308	48606	10137	863++	34210	88708		
Thorney Island	871	60301	28017	10237	664++	34217	86710		
Hurn	862	80112	40027	11336	563++	33224	85708	88710	
Guernsey	894	70520	60258	07941	784++	36310	86815		
Felixstowe	697	30513	63016	09938	35500	33302	83625		
Gorleston	497	70518	67208	11139	785++	38204	83820	87628	
Mildenhall	578	70408	69217	11836	757++	35210	82640	87656	
Cardington	559	80211	50687	12437	856++	35110	88634		
West Raynham	485	70515	58806	12335	785++	33211	83825	87656	
Wittering	462	80313	23844	13036	833++	35211	85707	88616	
Boscombe Down	746	80211	28107	12336	862++	34220	88703		
Ross-on-Wye	627	80310	24022	13737	864++	34215	88710		
Bristol	628	80212	28102	13137	553++	35218	85707	87612	
Aberporth	502	70713	58042	15237	764++	33315	87713		
Rhoose (Cardiff)	715	70509	32042	13436	764++	33315	87712		
Plymouth	827	70418	63031	12238	754++	32222	87618		
Chivenor	707	70311	48031	13539	754++	34221	87619		
St. Mawgan	817	70513	62038	13335	754++	34229	87612		
Culdrose	809	20509	60016	12434	25500	31221	82625		
Scilly	804	50421	74022	12444	55500	37313	85621		
Elmdon	534	73510	32104	14335	363++	34214	83707	87630	
Shawbury	414	43309	11284	16033	45600	33321	84640		
Manchester	334	70107	58031	16036	664++	34322	86711	84635	
Squires Gate	318	40305	59030	17236	45500	32223	81621	84629	
Valley	302	20401	58101	16437	25600	37215	82635		
Ronaldsway	204	60313	50041	17738	656++	36219	86635		
Silloth	214	20609	79011	19235	26400	33121	82716		
Watnall	354	60605	59256	14535	65500	35220	86628		
Spurn Head	396	60618	59028	13241	635++	36207	86920		
Finningley	360	80110	58606	15435	854++	35317	82616	86618	
Dishforth	261	70109	69808	16736	785++	34213	81820	87645	
Tynemouth	262	70725	66818	18941	756++	36220	87636		
Eskdalemuir	162	30405	66251	20634	32500	33218	83833		
Mull of Galloway	131	10520	80020	18039	12400	36215	81818		
Prestwick	135	00507	59040	20036	00900	33220			
Renfrew	141	60608	69018	20738	684++	35226	83814	86627	
Leuchars	171	71108	66028	20741	784++	35315	81818	87647	
Dyce	091	61009	59258	23337	684++	34217	84818	83632	
Wick	075	61107	80038	24540	685++	26212	84820	86650	
Cape Wrath	049	10905	86020	23237	15600	34218	81630		
Sule Skerry	010	51109	84018	23042	535++	34218	85920		
Lerwick	005	30000	82020	25531	35500	26203	83625		
Stornoway	026	01208	83020	22441	00900	30213			
Benbecula	022	11008	74020	20636	11500	33213	81820		
Tiree	100	41114	80011	20140	41500	35215	84825		
Aldergrove	917	50703	40104	19029	36400	29216	83714	84628	
Malin Head	980	41408	74031	18841	42400	37213	84818		
Belmullet	976	70907	74031	17436	00906	33213	87275		
Birr	965	00000	02424	16923	00900	22208			
Collinstown	969	53604	69015	17138	555++	33215	85622		
Rineanna	962	60802	59440	17528	47106	28216	84702	86270	
Roches Point	952	83607	80031	16136	00907	33214	88270		
Valentia	953	80907	74021	15641	8092+	31108	88464		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Kew	775	91361	32	r_or_o	ir_o
London Airport	772	93351	33	$frrid_o$	$r_os_oid_o$
Gatwick	776	02371	35	ir_orr	ir_o
Thorney Island	871	11331	32	$RRssr_or_o$	ir_o
Hurn	862	96351	33	ir_o	ir_o
Guernsey	894	03402	37	+	pr_opr
Felixstowe	697	05342	32	$ir_or_or_o$	$r_or_oir_o$
Gorleston	497	05322	32	fir_orr	pr_opr
Mildenhall	578	93321	29	$ffir_os_oir_o$	ir_o
Cardington	559	91331	30	$ffir_o$	$ffir_ois_o$
West Raynham	485	02301	30	FFr_or_o	ir_oprs
Wittering	462	02331	33	FFfffFFff	prspr
Boscombe Down	746	92341	32	$fd_od_od_os_o$	+
Ross-on-Wye	627	00341	33	+	+
Bristol	628	00351	34	+	+
Aberporth	502	00351	29	+	+
Rhoose (Cardiff)	715	00311	22	+	+
Plymouth	827	00351	27	+	+
Chivenor	707	00291	26	F	+
St. Mawgan	817	92341	30	$pr_opr_oh_o$	+
Culdrose	809	97331	29	ir_o	+
Scilly	804	00411		+	+
Elmdon	534	03326	32	$r_os_od_or_offF$	r_os_o
Shawbury	414	97325	29	$ffir_o$	ff
Manchester	334	97341	29	f	+
Squires Gate	318	00335	23	+	+
Valley	302	00361	27	+	+
Ronaldsway	204	00351	31	+	+
Silloth	214	00313	24	+	+
Watnall	354	97331	32	$ffir_o$	fpr_oir_o
Spurn Head	396	04372		$irpr_o$	pr_o
Finningley	360	01341	32	$FFir_o$	iRir
Dishforth	261	01341	30	$ir_offirffpr_opr$	pr_o
Tynemouth	262	03401	36	r_or_orrpr	pr
Eskdalemuir	162	97333	26	+	pr_o
Mull of Galloway	131	00361			
Prestwick	135	00293	29	+	+
Renfrew	141	97351	27	+	pr_o
Leuchars	171	06392	33	$pRprpr_o$	pr_o
Dyce	091	01351	30	$pr_opr_oh_o$	$prpr_oh_o$
Wick	075	01381	32	pr_opr	pr
Cape Wrath	049	00363	23	+	+
Sule Skerry	010	09391	37		
Lerwick	005	00283	22	+	+
Stornoway	026	00391	31	+	+
Benbecula	022	00325	25	+	+
Tiree	100	00331	27	+	+
Aldergrove	917	97243	17	f	+
Malin Head	980	97331	30		
Belmullet	976	97263	19		
Birr	965	97233	21		
Collinstown	969	91331	25		
Rineanna	962	97331	26		
Roches Point	952	97314	27		
Valentia	953	97371	32		

Code FM 21.A

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
A	70623	33500	52034	80155	80045	59300	00235	+++++	+++++	05036	12048
B	70565	51000	82044	61606	62735	5732+	00214	85708	84520	05330	17051
C	70528	35500	12323	69021	01146	10930	00302	81358	+++++	05739	12256
D	70440	41000	81838	63022	03161	855++	00622	88625	+++++	00158	11849
I	70592	19100	81536	95616	04044	6732+	00716	86708	88556	05643	11546
J	70523	20100	82420	95616	08652	862++	00706	88704	+++++	00151	12446
K	70449	16000	83024	70022	22455	854++	32208	88616	+++++	05052	13145
M	73661	01700	81314	75022	28637	885++	00102	81820	88640	05825	11434

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
A	70622	33406	42029	80258	88143	49400	31247	+++++	+++++	05136	12048
B	70565	51006	82356	56716	63629	8032+	00815	88507	+++++	05927	17253
C	70528	35506	81654	61616	90346	4552+	00783	84625	88456	05145	11759
D	70440	41006	82727	59618	09251	8042+	00247	88510	+++++	05747	12448
I	70590	19006	81732	96506	04448	773++	21203	87706	+++++	05247	11547
J	70524	20006	82715	95516	09252	862++	00309	88704	+++++	00151	14946
K	70448	16706	72923	70021	21055	754++	71708	+++++	+++++	00155	13044
M	73660	02006	81414	75022	30236	856++	31205	88640	+++++	05923	11433

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H.M.S.O. Press, M.O. Dunstable.

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 36179

Date of Issue Sunday 11 December 1960

Code FM 11.A

OBSERVATIONS at 12h. 10 December 1960

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_d app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775	70312	50258	13341	784++	34103	86812	87625	
London Airport	772	73614	59258	13840	584++	35207	81710	85812	87618
Gatwick	776	70114	56258	12640	584++	35210	82710	85818	87640
Thorney Island	871	63614	59036	13341	61400	37109	81712	86818	
Hurn	862	60114	69012	14240	58431	37011	82616	83820	
Guernsey	894	70318	74258	13443	725++	37718	87820		
Felixstowe	697	80515	58616	11939	674++	37104	86712	88625	
Gorleston	497	70528	60258	12640	785++	38212	83820	87628	
Mildenhall	578	70209	69258	13940	624+3	37106	82712	86815	
Cardington	559	80113	58588	14939	884++	36110	84712	83825	85630
West Raynham	485	70420	61838	14038	734++	36104	87918		
Wittering	462	70216	59028	15738	735++	36109	82710	86920	
Boscombe Down	746	73613	69012	15138	55300	35008	85709	85617	
Ross-on-Wye	627	70108	57021	17039	755++	33110	87625		
Bristol	628	70213	58032	16739	464++	35111	84713	87618	
Aberporth	502	30607	74011	18941	32500	34110	83822		
Rhoose (Cardiff)	715	10412	60021	16840	11400	34113	81812		
Plymouth	827	10315	63021	15842	11500	33806	81820		
Chivenor	707	30410	59031	17442	35400	33215	83617		
St. Mawgan	817	10413	59011	17340	11501	35112	81822		
Culdrose	809	10508	58041	16739	15600	34116	81630		
Scilly	804	60814	56021	17044	31439	38218	83813	84365	
Elmdon	534	43512	23058	17637	27400	34012	82712		
Shawbury	414	53508	23101	18836	55600	34108	85640		
Manchester	334	40311	23042	19039	22430	31116	82815	83360	
Squires Gate	318	10407	30040	20539	18500	34108	81823		
Valley	302	30708	74020	20343	32500	38112	83825		
Ronaldsway	204	20611	80031	21241	22500	36111	82825		
Silloth	214	20611	69031	22138	28400	32104	81825		
Watnall	354	60510	48801	17737	68200	35109	82705	86650	
Spurn Head	396	70622	58038	16642	795++	34213	87920		
Finningley	360	70312	61258	18837	785++	35112	83820	87625	
Dishforth	261	50411	61158	20140	48430	32110	82811	83640	
Tynemouth	262	80825	66028	22042	856++	34212	88635		
Eskdalemuir	162	60503	80258	23835	2243+	32110	82818	85358	
Mull of Galloway	131	20718	82020	22241	24400	36220	82618		
Prestwick	135	13602	40040	23736	15601	33211	81630		
Renfrew	141	40608	22041	24139	48401	34211	83818		
Leuchars	171	70912	74018	24442	684++	30118	81718	85825	
Dyce	091	70902	69028	25938	785++	28007	82820	87632	
Wick	075	61113	82031	26440	685++	26004	84825	84645	
Cape Wrath	049	10902	86020	25236	15600	33211	81630		
Sule Skerry	010	61109	85022	25642	635++	32210	86920		
Lerwick	005	73304	85021	27236	785++	31104	82820	87630	
Stornoway	026	41310	89030	24942	10932	31110	81360	84070	
Benbecula	022	31518	89012	23839	28531	36211	81825		
Tiree	100	31216	89011	23543	11439	36109	81815		
Aldergrove	917	20708	66031	22340	12531	35111	81820		
Malin Head	980	51209	83011	22642	2843+	37212	81818	85359	
Belmullet	976	71307	66022	20940	4563+	37118	84635	87359	
Birr	965	50000	24104	21029	35631	28215	83642	85073	
Collinstown	969	71009	80022	20845	784++	36214	82818	87630	
Rineanna	962	90000	01474	20832	9+0++	31216	89+02		
Roches Point	952	70407	56052	19940	1573+	37217	81650	87359	
Valentia	953	71008	69022	19245	45702	36116	84656	87070	

OBSERVATIONS at 18h. 10 December 1960

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_d app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775	70312	50058	17340	784++	31125	83812	87630	
London Airport	772	70115	52258	17039	784++	33224	82710	85818	86635
Gatwick	776	70216	48258	15940	724++	32223	81712	87818	
Thorney Island	871	73613	66258	16440	784++	34224	82818	87628	
Hurn	862	73613	66028	17540	784++	34224	84818	87622	
Guernsey	894	70117	74258	16742	324++	33223	83815	87822	
Felixstowe	697	80417	63038	14940	355++	34220	83627	88637	
Gorleston	497	70328	62028	15641	754++	34221	87615		
Mildenhall	578	40413	69011	17439	45700	30220	84650		
Cardington	559	80112	58028	18538	856++	36223	88640		
West Raynham	485	70422	74018	17838	755++	29223	87626		
Wittering	462	30111	69018	19437	35500	30223	83625		
Boscombe Down	746	50112	66018	18438	55500	34222	85620		
Ross-on-Wye	627	20210	48011	20437	26500	31221	82720		
Bristol	628	50112	58012	19837	554++	34118	85615		
Aberporth	502	10710	58021	22238	12500	30223	81825		
Rhoose (Cardiff)	715	40509	60011	20437	48400	31122	82815	84626	
Plymouth	827	00210	56040	19539	00900	32222			
Chivenor	707	60412	59031	20341	655++	31220	86629		
St. Mawgan	817	60510	64031	20238	646++	34217	86630		
Culdrose	809	20405	62022	19936	15605	32221	81630		
Scilly	804	40513	66011	19744	41400	37215	84813		
Elmdon	534	33612	56041	21135	25630	31225	82640		
Shawbury	414	23606	37041	22336	25600	31220	82635		
Manchester	334	50510	28041	22338	556++	27220	85635		
Squires Gate	318	20308	37041	23336	25600	30215	82630		
Valley	302	70805	66031	23141	756++	36214	87635		
Ronaldsway	204	20313	69011	24537	28500	31317	82822		
Silloth	214	10610	69010	25531	10940	28114	81358		
Watnall	354	20506	48018	21035	25600	33218	82635		
Spurn Head	396	70324	58808	20041	734++	29217	87915		
Finningley	360	70207	63028	22037	756++	33219	87644		
Dishforth	261	73609	80028	23537	785++	31217	83825	87647	
Tynemouth	262	80220	66028	24640	856++	26214	88636		
Eskdalemuir	162	50000	80031	27030	55500	27213	85628		
Mull of Galloway	131	10716	82010	25138	14500	33221	81620		
Prestwick	135	00604	58020	26432	00900	28215			
Renfrew	141	70402	20041	26937	755++	31316	87635		
Leuchars	171	80406	80032	26036	856++	30108	88640		
Dyce	091	83601	58042	27935	856++	27211	88635		
Wick	075	70000	82021	28037	355++	25006	83624	87638	
Cape Wrath	049	30905	86020	26537	38600	32202	83830		
Sule Skerry	010	61102	85022	26941	635++	31207	86920		
Lerwick	005	73612	81028	28036	455++	26205	84627	87635	
Stornoway	026	41309	80011	25541	25501	31804	82626	83075	
Benbecula	022	51412	82012	24737	11532	33801	81825	85070	
Tiree	100	71418	86031	24941	45638	34005	84630	86275	
Aldergrove	917	10706	58041	25432	10930	30216	81360		
Malin Head	980	71512	82031	24438	757++	32006	87656		
Belmullet	976	51211	62012	21938	3573+	35005	83650	85359	
Birr	965	70801	16101	23134	756++	33211	87642		
Collinstown	969	70904	78031	23939	756++	31215	87635		
Rineanna	962	10807	32284	23032	15600	31216	81645		
Roches Point	952	60711	66031	22240	685++	34216	82820	86639	
Valentia	953	11012	62021	20943	10930	36214	81361		

OBSERVATIONS during DAY

Station	iii	RRT_xT_xE	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Kew	775	97411	003	pr_o	pr_o
London Airport	772	91401	007	pr_o	pr_o
Gatwick	776	97411	003	$ir_opr_oir_o$	ir_opr_o
Thorney Island	871	97411	032	+	pr_o
Hurn	862	97411		pr_o	+
Guernsey	894	97431	029	pr_o	pr_o
Felixstowe	697	06402	000	$ir_or_or_or_os_opr$	ir_o
Gorleston	497	01421	001	pr_oph_o	ph_opr_o
Mildenhall	578	92411	011	pr_o	+
Cardington	559	01391	001	$pr_os_or_od_opr$	pr_o
West Raynham	485	01391	002	$pr_opr_os_o$	pr_os_o
Wittering	462	02391	007	$prprspr_o$	+
Boscombe Down	746	97391	007	+	pr_o
Ross-on-Wye	627	00391	004	+	+
Bristol	628	00401	001	+	+
Aberporth	502	00411	051	+	+
Rhoose (Cardiff)	715	00401	058	+	+
Plymouth	827	00431	057	+	+
Chivenor	707	00441	037	+	+
St. Mawgan	817	00411	061	+	+
Culdrose	809	00411	066	+	+
Scilly	804	00451	050	+	+
Elmdon	534	97391	008	pr_o	ir_o
Shawbury	414	00381	022	+	+
Manchester	334	97401	021	+	+
Squires Gate	318	00411	041	+	+
Valley	302	00431	051	+	+
Ronaldsway	204	00421	030	+	+
Silloth	214	00393	052	+	+
Watnall	354	93391	006	$ir_opr_opr_os_o$	+
Spurn Head	396	94431	001	pr_o	pr_oph
Finningley	360	92391	002	pr_o	+
Dishforth	261	97411	009	pr_o	jp
Tynemouth	262	93431	000	pr	pr_o
Eskdalemuir	162	97373	044	pr_o	+
Mull of Galloway	131	00411			
Prestwick	135	00393	061	+	+
Renfrew	141	00421	025	+	+
Leuchars	171	00421	009	+	+
Dyce	091	00381	000	+	+
Wick	075	00401	008	+	+
Cape Wrath	049	00423		+	+
Sule Skerry	010	00430			
Lerwick	005	97373	007	pr_o	+
Stornoway	026	00431	048	+	+
Benbecula	022	00405	019	+	+
Tiree	100	00431	032	+	+
Aldergrove	917	97423	058	+	+
Malin Head	980	0044	040		
Belmullet	976	9741	001		
Birr	965	9734	012		
Collinstown	969	9745	016		
Rineanna	962	9735	002		
Roches Point	952	0042	017		
Valentia	953	0047	005		

Code FM 21.A

OCEAN WEATHER STATION REPORTS at 12h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
A	70620	33012	82020	75278	91137	6941+	41006	+++++	+++++	05632	12048
B	70565	51012	82360	56717	68528	5732+	00339	85706	88512	06034	17266
C	70528	35512	82550	63271	96842	33400	00342	83915	+++++	05536	12058
D	70440	41012	82928	65026	18746	884++	00221	82815	88540	06131	12949
I	70588	18612	81724	96216	06049	863++	32010	88706	+++++	05149	11647
J	70525	20012	72208	94205	10850	661+1	00206	86702	+++++	05150	1494-5
K	70449	16112	82920	65032	22057	894++	00005	88713	+++++	00154	12743
M	73659	01912	71512	75032	32536	75600	31110	87640	+++++	06023	11333

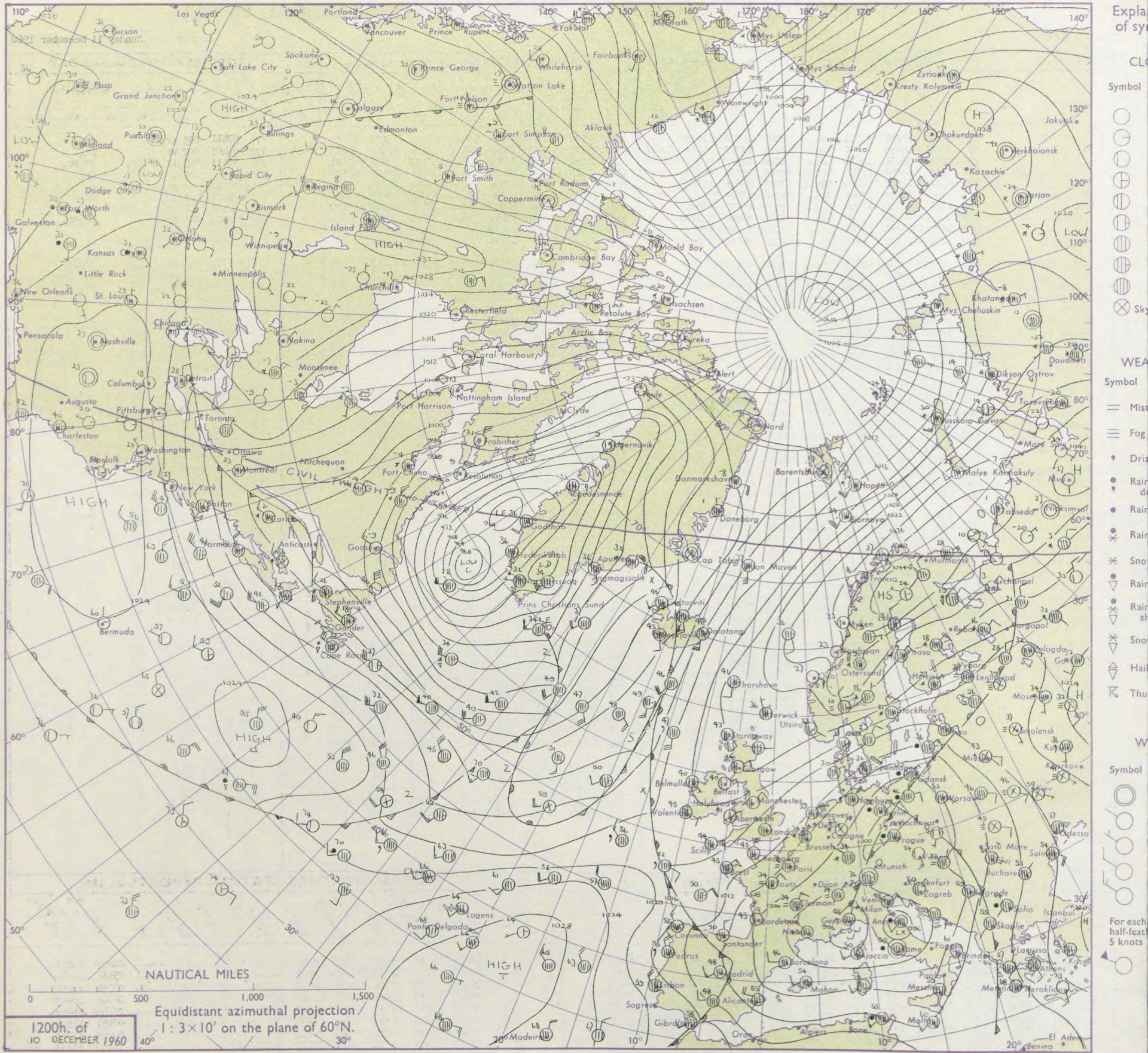
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
A	70622	33218	81243	56626	75041	7722+	00799	+++++	+++++	05239	11249
B	70565	51018	92355	06737	68433	9+0++	00305	89+01	+++++	05532	17267
C	70528	35518	72544	02887	05335	73400	00244	87910	+++++	06234	17451
D	70440	41018	72925	65158	22149	72400	00210	87816	+++++	06041	12947
I	70585	17618	81737	95516	04450	863++	32003	88708	+++++	05149	11647
J	70523	19818	72118	96205	07751	762++	00710	88704	+++++	00151	1494-6
K	70449	16218	82717	20555	20557	872++	00504	88705	+++++	00255	12743
M	73658	01618	51211	30012	32636	55600	00501	85640	+++++	06119	11233

All times of observation printed in this publication are GREENWICH MEAN TIME.

SIR GRAHAM SUTTON, C.B.E., D.Sc., F.R.S., Director General. Meteorological Office, Air Ministry, Kingsway, London, W.C.2

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WEST EUROPE

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OUD
Cloud Amount (oktas)

0
1 or less
2
3
4
5
6
7 or more
8
obscured

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Weather

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and snow
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and snow
ower
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shower
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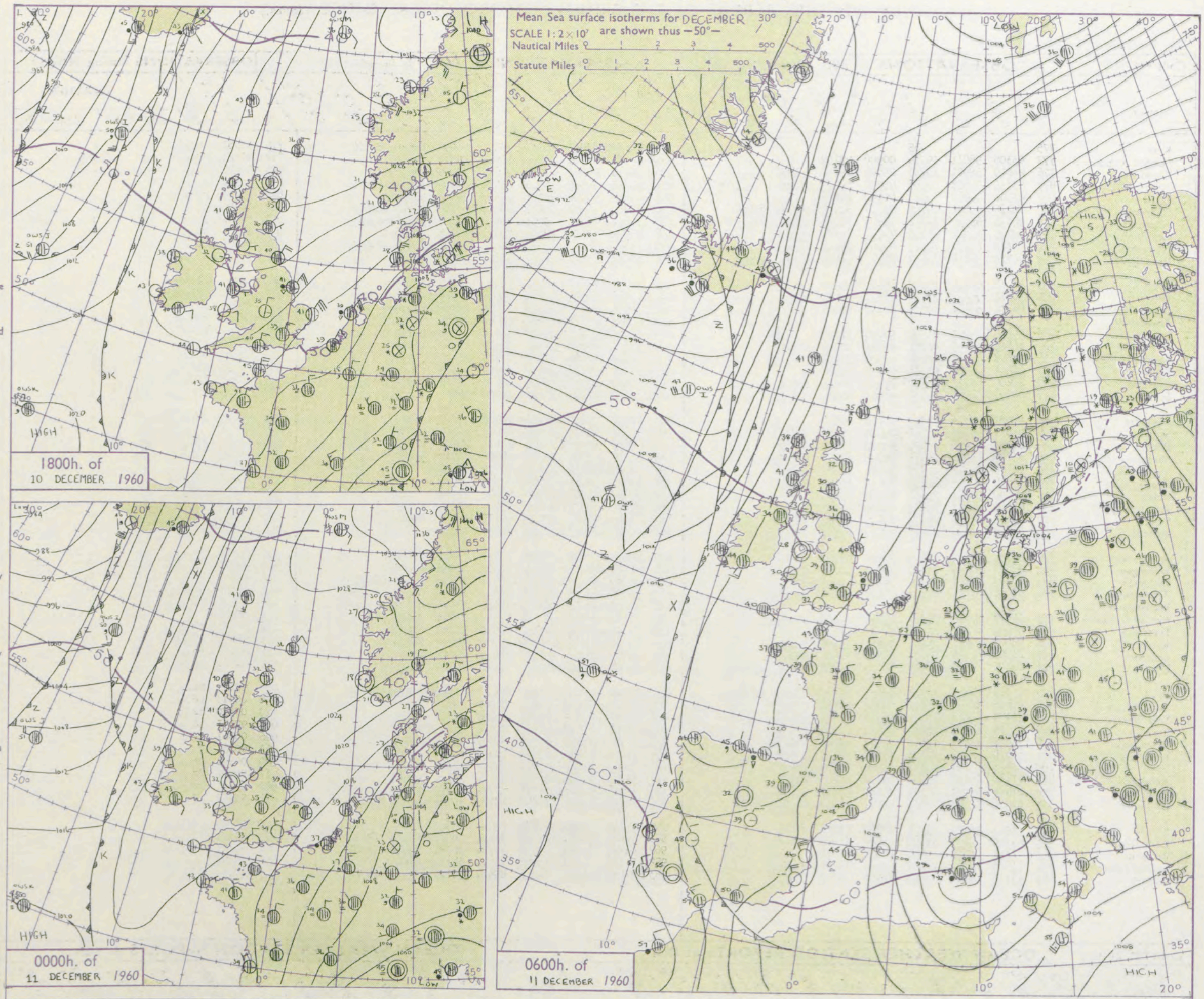
IND
Wind speed (knots)

Calm
1–2
3–7
8–12
13–17
additional
er add
48–52



GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Sunday 11 December 1960

The pronounced ridge extending across the British Isles yesterday from an intense anticyclone over northern Scandinavia is weakening. A small high cell now over England will transfer south to Biscay as a frontal trough moves slowly into western and northern areas of the British Isles from the Atlantic.

FORECAST for Great Britain and Northern Ireland until noon tomorrow

Central and eastern districts of England will be dry for the most part but frost and fog will affect many areas tonight and early morning. Occasional rain or sleet will reach central areas tomorrow. Rain or sleet, and snow on high ground will move slowly east across Northern Ireland and most parts of Scotland, Wales and extreme western England followed by brighter and mainly dry weather. It will be cold in most areas but temperatures will rise to near average in the west and north.

OUTLOOK for the following 24 hours:- Rain and sleet in places in the east at first otherwise bright and dry and less cold generally.

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE *(contd.)*

Code FM 11.A

OBSERVATIONS at 00h. 11 December 1960

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_{d\,app}$	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775			35					
London Airport	772	03305	58011	19734	00900	28109			
Gatwick	776	23609	58021	18936	25600	29112	82640		
Thorney Island	871	43610	70038	19135	45700	30211	84650		
Hurn	862	03508	74021	19833	00900	29007			
Guernsey	894	70214	74022	19242	484++	32210	83818	87630	
Felixstowe	697	70314	66252	17738	785++	35006	82820	87637	
Gorleston	497	70226	64028	18240	755++	35209	87626		
Mildenhall	578	50313	80011	19239	55700	28103	85650		
Cardington	559	70210	58808	20637	785++	33205	84825	85640	
West Raynham	485	50414	69038	19537	55600	28005	85630		
Wittering	462	60315	74011	20637	657++	29003	86645		
Boscombe Down	746	03510	58021	20833	00900	30006			
Ross-on-Wye									
Bristol	628	00212	58021	22034	00900	31107			
Aberporth	502	10809	58030	23733	00901	30203	81075		
Rhoose (Cardiff)	715	00308	62020	22634	00900	29506			
Plymouth	827	00502	62020	21737	00900	29104			
Chivenor	707	30606	63031	22435	35500	30204	83628		
St. Mawgan	817	00607	58021	22534	00900	30204			
Culdrose	809	00502	69020	22233	00900	29302			
Scilly	804	40811	66011	22241	45600	35308	84630		
Elmdon	534	60213	60026	22535	65600	28008	86641		
Shawbury	414	33308	23040	24031	35600	27207	83638		
Manchester	334	33104	26041	23935	35600	26306	83635		
Squires Gate	318	73406	26041	24836	756++	28303	87635		
Valley	302	00000	66021	24832	00900	30205			
Ronaldsway	204	40809	74011	25037	45600	28002	84632		
Silloth	214	73408	66032	25835	756++	31500	87645		
Watnall	354	80405	59031	22635	856++	29107	88636		
Spurn Head	396	60524	58028	21239	695++	28500	86930		
Finningley	360	73608	61012	23035	756++	30701	87641		
Dishforth	261	73403	82031	23736	756++	29503	87636		
Tynemouth	262	60516	66022	23541	656++	25607	86636		
Eskdalemuir									
Mull of Galloway	131	20718	82030	24137	25500	29705	82620		
Prestwick	135	01004	60040	25727	00900	22807			
Renfrew	141	30000	17284	25930	35600	29806	83645		
Leuchars	171	83005	74032	25135	856++	27606	88640		
Dyce	091	73205	74022	26134	756++	27708	83635	87650	
Wick	075	73307	82031	26832	5567+	27606	85636	87460	
Cape Wrath	049	01405	86010	24533	00900	30711			
Sule Skerry	010	41105	85011	25540	45500	26710	84620		
Lerwick	005	80310	82202	25836	856++	23716	88635		
Stornoway	026	71809	80031	24410	755++	32612	87627		
Benbecula	022	31614	82021	23138	35500	32814	83626		
Tiree	100	31619	83031	24241	35500	31705	83626		
Aldergrove	917	11110	58040	24832	15600	26803	81630		
Malin Head	980	21208	80011	24132	25600	29711	82645		
Belmullet	976	61414	66031	20539	4567+	36819	84640	86459	
Birr	965	11803	59101	23234	15600	23701	81641		
Collinstown	969	21308	74011	23740	25600	31002	82640		
Rineanna	962	01111	48104	22534	00900	33710			
Roches Point	952	71209	66031	22443	756++	33804	87634		
Valentia	953	11110	62011	21443	15600	36603	81633		

OBSERVATIONS at 06h. 11 December 1960

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_{d\,app}$	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775	70408	82021	20937	756++	26005	82620	87630	
London Airport	772	70108	66021	21236	756++	29013	87640		
Gatwick	776	70109	66021	20336	756++	30108	87638		
Thorney Island	871	40203	74030	20933	25631	31004	82645	83075	
Hurn	862	10205	66030	21132	15500	28500	81624		
Guernsey	894	60307	74032	20841	684++	33104	83818	86630	
Felixstowe	697	70314	66022	19737	785++	30114	81820	87637	
Gorleston	497	80220	62808	18639	855++	32203	88626		
Mildenhall	578	70305	74012	20736	756++	28005	81625	87641	
Cardington	559	70305	69018	21135	756++	28803	87640		
West Raynham	485	20418	69011	20436	25500	26002	82625		
Wittering	462	13605	80012	20833	15600	28809	81630		
Boscombe Down	746	30204	62031	21732	35500	27804	83630		
Ross-on-Wye	627	60000	57021	22531	656++	27603	86635		
Bristol	628	60106	58031	22932	656++	28301	86640		
Aberporth	502	12006	58020	23030	00901	25608	81075		
Rhoose (Cardiff)	715	00406	62020	22927	00900	23303			
Plymouth	827	03505	61020	22832	00900	28103			
Chivenor	707	10000	48020	22828	15500	28501	81628		
St. Mawgan	817	00906	56020	23128	00900	28802			
Culdrose	809	10402	37100	22731	10930	28001	81360		
Scilly	804	81005	66031	22240	825++	35804	88821		
Elmdon	534	62906	62031	22829	656++	26507	86640		
Shawbury	414	23402	32041	22727	25600	24712	82640		
Manchester	334	02703	58011	21828	00900	26218			
Squires Gate	318	00000	59011	22530	00900	26812			
Valley	302	00000	66020	22828	00900	27708			
Ronaldsway	204	71309	82021	22640	756++	25814	87632		
Silloth	214	61303	66011	23429	657++	28712	86656		
Watnall	354	00000	66021	21430	00900	26620			
Spurn Head	396	70205	59022	20740	795++	27811	87920		
Finningley	360	23306	58031	21634	25600	30617	82640		
Dishforth	261	72907	74031	21731	356++	28616	83635	86656	
Tynemouth	262	72707	61028	21336	756++	30719	87635		
Eskdalemuir	162	10000	83020	24624	15600	22616	81630		
Mull of Galloway	131	71412	80031	21739	755++	28721	87620		
Prestwick	135	11104	66010	22823	15630	21722	81630		
Renfrew	141	40000	17044	23127	45700	24718	84656		
Leuchars	171	72705	74021	22230	756++	26713	87647		
Dyce	091	72904	74022	23332	756++	24515	87642		
Wick	075	62506	83021	22929	684++	27718	81818	86630	
Cape Wrath	049	01402	86020	20633	00900	24723			
Sule Skerry	010	21805	85020	21739	21600	31717	82830		
Lerwick	005	80708	81858	22135	885++	27623	84822	88630	
Stornoway	026	81711	80032	20038	45507	29728	84625	88275	
Benbecula	022	71617	80022	18239	756++	33827	87630		
Tiree	100	81523	82031	19641	755+7	32820	87626	88272	
Aldergrove	917	81310	56041	21834	756++	28620	87638		
Malin Head	980	71607	80021	19736	1577+	32815	81650	87362	
Belmullet	976	81517	69022	16340	5567+	34722	85645	88460	
Birr	965	71503	74031	20034	756++	28720	87636		
Collinstown	969	71805	74011	21538	3563+	28617	83628	87360	
Rineanna	962	81215	66032	18636	4573+	32722	84650	88360	
Roches Point	952	71816	66031	19844	756++	34718	87634		
Valentia	953	81414	69021	16945	855++	37726	84629	88650	

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Kew	775	00351	28 +		+
London Airport	772	00321	29 +		+
Gatwick	776	00321	26 +		+
Thorney Island	871	00313	24 +		+
Hurn	862	00273	20 +		+
Guernsey	894	00391	37 +		+
Felixstowe	697	97361	34 pr_o		+
Gorleston	497	97351	35 pr_o		pr_o
Mildenhall	578	00311	21 +		+
Cardington	559	97311	26 pr_o		+
West Raynham	485	91303	24 pr_o		+
Wittering	462	00301	22 +		+
Boscombe Down	746	97311	22 +		+
Ross-on-Wye	627	00301	22 +		+
Bristol	628	00293	22 +		+
Aberporth	502	00293	17 +		+
Rhoose (Cardiff)	715	00263	19 +		+
Plymouth	827	00293	22 +		+
Chivenor	707	00283	19 +		+
St. Mawgan	817	00273	20 +		+
Culdrose	809	00293	20 +		+
Scilly	804	00371	+		+
Elmdon	534	00271	20 +		+
Shawbury	414	00243	14 +		+
Manchester	334	00263	21 +		+
Squires Gate	318	00243	18 +		+
Valley	302	00273	20 +		+
Ronaldsway	204	00361	33 +		+
Silloth	214	00243	19 +		+
Watnall	354	00301	21 +		+
Spurn Head	396	00311	26 +		+
Finningley	360	97331	25 +		id_o
Dishforth	261	97305	22 +		is_o
Tynemouth	262	94341	30 +		$pr_o pr$
Eskdalemuir	162	00193	20 +		+
Mull of Galloway	131	00361			
Prestwick	135	00223	16 +		+
Renfrew	141	00243	19 ff		ff
Leuchars	171	00283	23 +		+
Dyce	091	00283	23 +		+
Wick	075	00273	20 +		+
Cape Wrath	049	00313	26 +		+
Sule Skerry	010	00370	32		
Lerwick	005	97333	31 +		ps_o
Stornoway	026	00361	31 +		+
Benbecula	022	00361	33 +		+
Tiree	100	00391	34 +		+
Aldergrove	917	00291	26 +		+
Malin Head	980	97321	28		
Belmullet	976	97352	31		
Birr	965	97293	21		
Collinstown	969	00361	31		
Rineanna	962	97321	30		
Roches Point	952	00381	34		
Valentia	953	97411	37		

Code FM 21.A

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_{s\,app}$	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
A	10623	33100	51937	70278	80537	59400	00105	+++++	+++++	05725	16950
B	10565	51000	62540	37857	80232	66200	00252	86705	+++++	05629	17267
C	10528	35500	82540	58878	10137	834++	00317	88910	+++++	06034	17451
D	10440	41000	52512	65258	25549	52400	00107	85815	+++++	06038	12847
I	10585	17200	81723	95506	99750	8042+	31647	88510	+++++	00049	16742
J	10525	19800	82720	96022	09251	863++	00213	88708	+++++	00151	12746
K	10450	16000	82814	06455	20555	862++	00605	88705	+++++	00155	13253
M	13659	01400	71215	80022	31936	75600	21608	87640	+++++	06123	11433

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_{s\,app}$	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
A	10625	33006	42042	70878	84039	49400	00335	+++++	+++++	05628	17043
B	10565	51006	72351	61858	82528	773++	00303	86807	+++++	05923	17267
C	10528	35506	12537	69268	12241	0090[illegible]	00112	810++	+++++	05432	17451
D	10440	41006	62015	69022	24450	22570	00712	82825	86360	05937	12546
I	10587	17806	42332	98018	99047	435++	71107	84920	+++++	05335	17240
J	10523	19506	53227	98028	15047	52500	00222	85825	+++++	05437	14946
K	10448	16006	82614	12515	18957	872++	00708	88705	+++++	00155	10640
M	13659	01806	71218	80022	28334	75500	21718	87620	+++++	06321	11133

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H.M.S.O. Press, M.O. Dunstable.

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 36180

Date of Issue Monday 12 December 1960

OBSERVATIONS at 12h. 11 December 1960

Code FM 11.A

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775	60806	50041	22039	656++	23807	81630	86635	
London Airport	772	50707	61012	21639	55600	24810	85635		
Gatwick	776	20410	66021	21538	00901	25805	82080		
Thorney Island	871	20302	74020	20839	00902	28815	82070		
Hurn	862	60305	66031	21938	20956	27710	82365	86278	
Guernsey	894	70000	81031	21942	786+2	30805	81825	87630	
Felixstowe	697	83504	58032	21238	85555	29187	88632		
Gorleston	497	72802	34028	20238	754++	30003	87619		
Mildenhall	578	72804	56051	20937	756++	32807	87637		
Cardington	559	72902	58022	22036	756++	30805	87640		
West Raynham	485	72704	48021	20236	756++	33814	87635		
Wittering	462	82808	48041	21635	856++	31606	88635		
Boscombe Down	746	70706	66021	22336	10932	25714	81362	87075	
Ross-on-Wye	627	30000	24021	21236	20941	29823	82362		
Bristol	628	31203	14101	22137	15632	31811	81635	83072	
Aberporth	502	71708	74021	20934	1552+	38721	81625	87465	
Rhoose (Cardiff)	715	71406	72042	21937	25632	21817	82630	86075	
Plymouth	827	70806	40041	21836	20931	30719	82359	86080	
Chivenor	707	71009	59031	21835	15608	30716	81640	87270	
St. Mawgan	817	71211	58021	20336	40936	34826	84365	87275	
Culdrose	809	71407	64021	20341	25631	35820	82630	86365	
Scilly	804	81713	66032	20045	7843+	38716	85818	84622	
Elmdon	534	71003	03044	22133	756++	30810	87640		
Shawbury	414	40000	35051	21433	20932	27715	82362	83070	
Manchester	334	51906	22051	22234	25642	29704	82640	84070	
Squires Gate	318	70000	10041	21135	40932	30710	84365	87073	
Valley	302	71916	74031	20438	25618	29718	82640	84462	87273
Ronaldsway	204	82116	66032	20240	7557+	30611	87628	88459	
Silloth	214	70804	56051	20631	30976	29817	81358	83362	87270
Watnall	354	72702	10284	21435	1577+	27708	81656	87359	
Spurn Head	396	62709	12028	20337	755++	34708	87625		
Finningley	360	72906	17045	21037	756++	30712	87640		
Dishforth	261	73001	32047	20436	5563+	28810	85645	87357	
Tynemouth	262	72806	48028	20136	1267+	28709	81830	87358	
Eskdalemuir	162	70000	80031	21225	60978	23821	86465	85268	
Mull of Galloway	131	81816	80032	18640	854++	32712	88618		
Prestwick	135	81408	56041	19135	7567+	25718	87640	87362	
Renfrew	141	70000	05444	19532	3563+	26719	83635	87360	
Leuchars	171	72705	62041	18832	10936	28821	81365	87275	
Dyce	091	72507	66032	19133	15636	25721	81645	86270	
Wick	075	71808	74021	17434	15608	27833	81640	87270	
Cape Wrath	049	81805	86021	15234	00907	25734	88270		
Sule Skerry	010	81813	85031	15540	3857+	29730	83620	88360	
Lerwick	005	61404	82038	17234	656++	24723	86635		
Stornoway	026	81722	80022	13641	555++	35747	85622	88630	
Benbecula	022	81825	66602	12941	856++	34828	81630	88640	
Tiree	100	81827	80032	15042	5552+	35720	85625	88459	
Aldergrove	917	81910	58042	18237	5567+	31714	82714	85635	88458
Malin Head	980	81712	74022	15639	2567+	30719	82635	88460	
Belmullet	976	81721	58636	13140	5742+	38719	85711	88540	
Birr	965	81606	58606	17337	3742+	34714	83718	88460	
Collinstown	969	81608	64022	17740	2557+	32818	82625	88463	
Rineanna	962	81615	61636	16240	5742+	38709	82716	85720	88530
Roches Point	952	82020	48636	17242	874++	40816	88712		
Valentia	953	81620	57636	14843	5742+	40721	85718	88545	

OBSERVATIONS at 18h. 11 December 1960

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775	81703	33022	22034	855++	28204	88625		
London Airport	772	51403	11040	21734	00908	27302	85275		
Gatwick	776	70000	48041	21829	00904	27400	87075		
Thorney Island	871	70000	48021	21933	40932	30004	84359	87075	
Hurn	862	80604	40041	21534	3562+	29003	83630	88462	
Guernsey	894	81504	70022	21341	25677	30001	82630	88270	
Felixstowe	697	03208	48010	21237	00900	29602			
Gorleston	497	72407	58022	20437	755++	32103	87626		
Mildenhall	578	82403	48032	21235	856++	32001	88632		
Cardington	559	80000	28102	21632	2563+	30600	82640	88358	
West Raynham	485	82607	28022	21133	856++	32306	88645		
Wittering	462	82506	40012	21332	8097+	31300	88465		
Boscombe Down	746	80000	48012	21933	8095+	27103	88360		
Ross-on-Wye	627	82102	57021	21034	856++	26801	88630		
Bristol	628	81405	28032	21334	30972	30803	83360	88072	
Aberporth	502	81509	59682	18835	3567+	30613	83640	88459	
Rhoose (Cardiff)	715	81306	66022	20636	1562+	29807	81630	88460	
Plymouth	827	80708	40042	19839	3557+	33806	83625	88456	
Chivenor	707	81107	56022	19936	856++	30710	88645		
St. Mawgan	817	81410	59602	19040	3562+	37606	83635	88558	
Culdrose	809	81806	60606	18445	7641+	39608	87615	88459	
Scilly	804	81914	57626	17045	5542+	40712	85615	88545	
Elmdon	534	81702	19044	21533	50977	29400	85464	88272	
Shawbury	414	81703	56051	20633	8092+	26602	88462		
Manchester	334	81711	32042	19833	3567+	26706	83645	88459	
Squires Gate	318	81611	17044	19034	10932	30805	81362	88068	
Valley	302	81815	66616	17441	555++	36609	85625	88640	
Ronaldsway	204	82315	48586	16841	3647+	37614	83713	86620	88458
Silloth	214	82105	58682	17036	5557+	30617	85628	88458	
Watnall	354	80000	04044	20732	00907	28503	88275		
Spurn Head	396	02612	12104	19736	00900	32500			
Finningley	360	62503	28044	20635	657++	28502	86656		
Dishforth	261	81802	40052	19533	8087+	28705	88457		
Tynemouth	262	62007	32022	18335	6097+	27810	86358		
Eskdalemuir	162	81801	60717	18131	875++	30613	88720		
Mull of Galloway	131	82020	66636	15342	864++	40811	88715		
Prestwick	135	81607	44616	15237	4542+	36710	81713	84618	88530
Renfrew	141	81704	25617	15135	464++	34715	84712	87618	
Leuchars	171	82705	32702	15232	674++	32611	86714	88625	
Dyce	091	82107	62032	15533	1577+	28616	81650	88459	
Wick	075	81907	82022	12736	8097+	26717	88460		
Cape Wrath	049	82305	66616	09434	864++	43717	88715		
Sule Skerry	010	82113	81612	10039	864++	34723	88710		
Lerwick	005	71618	82022	12135	755++	26726	87629		
Stornoway	026	62112	66216	09142	655++	39617	86625		
Benbecula	022	42606	74216	10340	28470	40503	81819	83462	
Tiree	100	82315	62036	12043	364++	41606	83712	88626	
Aldergrove	917	82014	56616	15735	663++	34509	86707	88711	
Malin Head	980	52316	66016	13339	584++	37301	83818	85640	
Belmullet	976	23113	74016	15945	28500	40222	81822		
Birr	965	81808	48506	16636	5742+	35301	85715	88458	
Collinstown	969	82206	50616	16538	864++	36709	88717		
Rineanna	962	81406	74216	16140	864++	39212	84717	88620	
Roches Point	952	81607	61616	16243	874++	41701	88714		
Valentia	953	70000	72606	16044	756++	42321	87634		

OBSERVATIONS during DAY

Station	iii	$R_RR_RT_xT_xE$	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Kew	775	00391	020	+	+
London Airport	772	00401	020	+	+
Gatwick	776	00391	065	+	+
Thorney Island	871	00401	062	+	+
Hurn	862	00411		+	+
Guernsey	894	00451	020	+	+
Felixstowe	697	00391	000	+	+
Gorleston	497	00411	000	+	+
Mildenhall	578	00381	000	+	+
Cardington	559	00371	000	+	+
West Raynham	485	00361	000	+	+
Wittering	462	00372	000	+	+
Boscombe Down	746	00371	033	+	+
Ross-on-Wye	627	00381	030	+	+
Bristol	628	00371	029	+	+
Aberporth	502	91361	000	+	$r_os_or_or_od_or_o$
Rhoose (Cardiff)	715	91381	013	+	ir_o
Plymouth	827	04402	012	+	ir_orr
Chivenor	707	95371	008	+	$ir_or_or_o$
St. Mawgan	817	03412	004	+	$ir_orrr_or_o$
Culdrose	809	06467	013	+	$ir_or_or_o$
Scilly	804	10462	002	+	ir_oirrr
Elmdon	534	00371	000	+	+
Shawbury	414	00363	025	+	+
Manchester	334	00353	006	+	+
Squires Gate	318	92355	006	ff	$ffr_os_os_os_o$
Valley	302	01411	014	+	r_or_orr
Ronaldsway	204	03431	000	+	$ir_or_or_od_or_o$
Silloth	214	01363	003	+	r_os_orr
Watnall	354	00391	005	+	+
Spurn Head	396	97390	011	pr_o	f
Finningley	360	97391	001	id_o	if
Dishforth	261	00381	016	jpjf	+
Tynemouth	262	00371	008	+	+
Eskdalemuir	162	03326	003	+	s_os_o
Mull of Galloway	131	04432			
Prestwick	135	05412	001	+	$r_or_orrd_or_o$
Renfrew	141	04372	000	ff	$fr_os_or_or_o$
Leuchars	171	94345	002	+	$is_or_os_oir_o$
Dyce	091	00353	010	+	+
Wick	075	01362	009	+	ir_orr
Cape Wrath	049	03412		+	$ir_or_or_o$
Sule Skerry	010	02412			
Lerwick	005	00383	005	+	+
Stornoway	026	02421	000	ir_o	$r_or_opr_opr$
Benbecula	022	06451	000	r_or_orr	r_or_orr
Tiree	100	02451	000	$ir_or_or_o$	r_or_o
Aldergrove	917	04372	000	$ir_or_or_o$	r_or_o
Malin Head	980	0146	000		
Belmullet	976	1246	000		
Birr	965	1238	000		
Collinstown	969	0342	000		
Rineanna	962	1541	000		
Roches Point	952	1246	000		
Valentia	953	2446	000		

OCEAN WEATHER STATION REPORTS at 12h.

Code FM 21.A

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_s$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
A	10623	32612	52033	75878	87737	59400	41113	+++++	+++++	05730	17140
B	10565	51012	82347	65858	81531	7142+	00705	87810	+++++	05621	17342
C	10528	35512	62044	69022	09046	26430	00615	82710	86359	00239	17254
D	10440	41012	32024	72021	21555	35500	00617	81630	+++++	+++++	12036
I	10588	18112	22526	98278	06445	29500	71143	82920	+++++	05532	12647
J	10521	19212	33322	98011	20047	35600	00217	83640	+++++	05432	13246
K	10448	16112	82816	09445	19957	862++	81101	88705	+++++	00255	12644
M	13658	02012	71224	70268	21330	79500	00740	86920	+++++	06627	11233

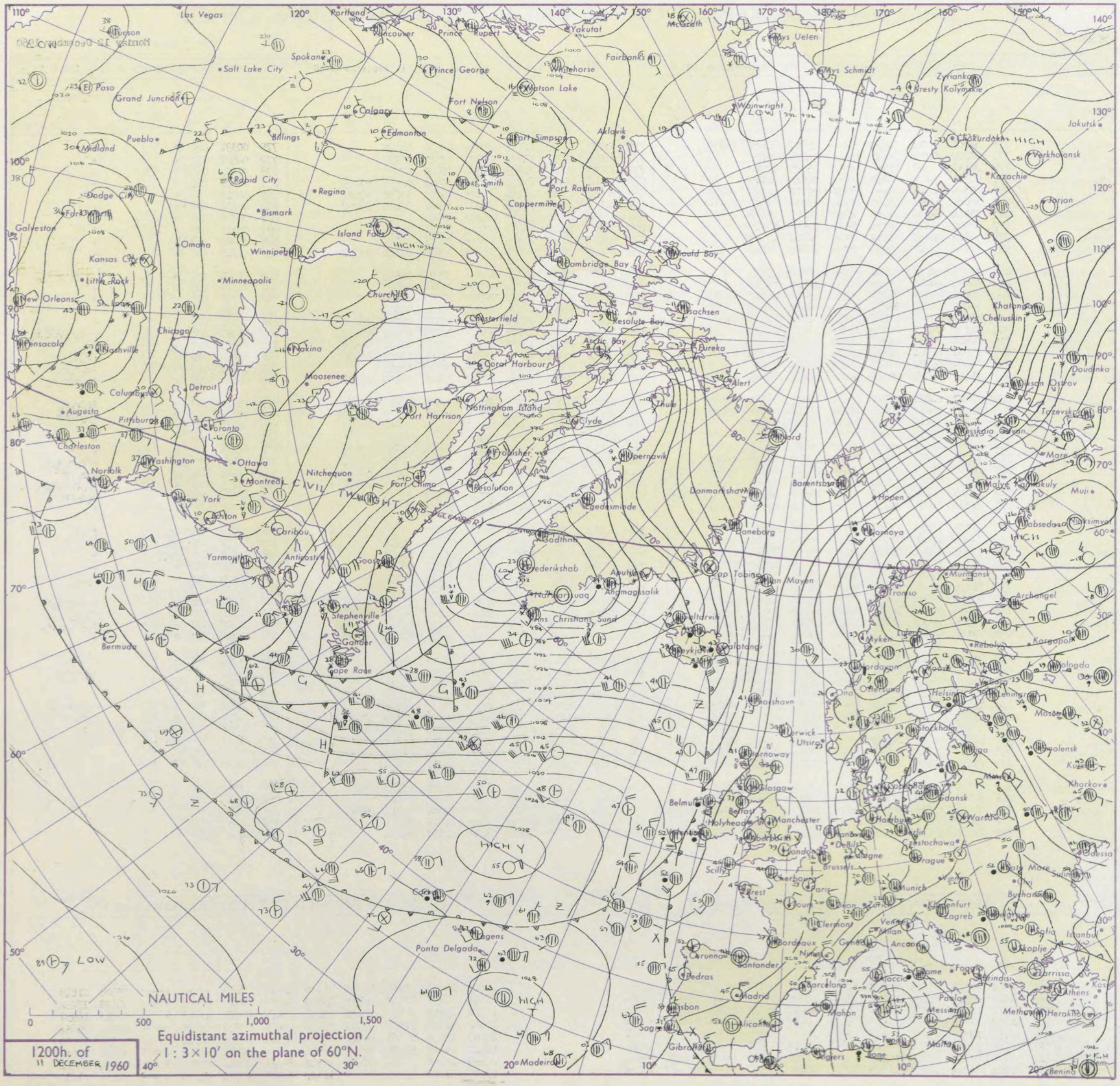
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_s$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
A	10623	32718	71824	80038	88939	4751+	00805	+++++	+++++	05628	11848
B	10565	51018	92040	06738	77032	9+0++	00715	89+02	+++++	05528	17252
C	10528	35518	71850	63022	03147	36470	00729	83710	86359	00243	16957
D	10440	41018	61835	65022	13656	55608	00736	85630	+++++	05344	16851
I	10590	18618	42433	98010	09246	43500	61214	84920	+++++	05435	12439
J	10522	19418	52924	98021	22746	58500	00213	84635	83825	05538	149+7
K	10449	16018	83520	70038	21555	884++	00216	83815	86621	00054	13444
M	13659	01818	41025	70268	11432	49500	00734	84820	+++++	06430	11235

All times of observation printed in this publication are GREENWICH MEAN TIME.

SIR GRAHAM SUTTON, C.B.E., D.Sc., F.R.S., Director General. Meteorological Office, Air Ministry, Kingsway, London, W.C.2

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WEST EUROPE

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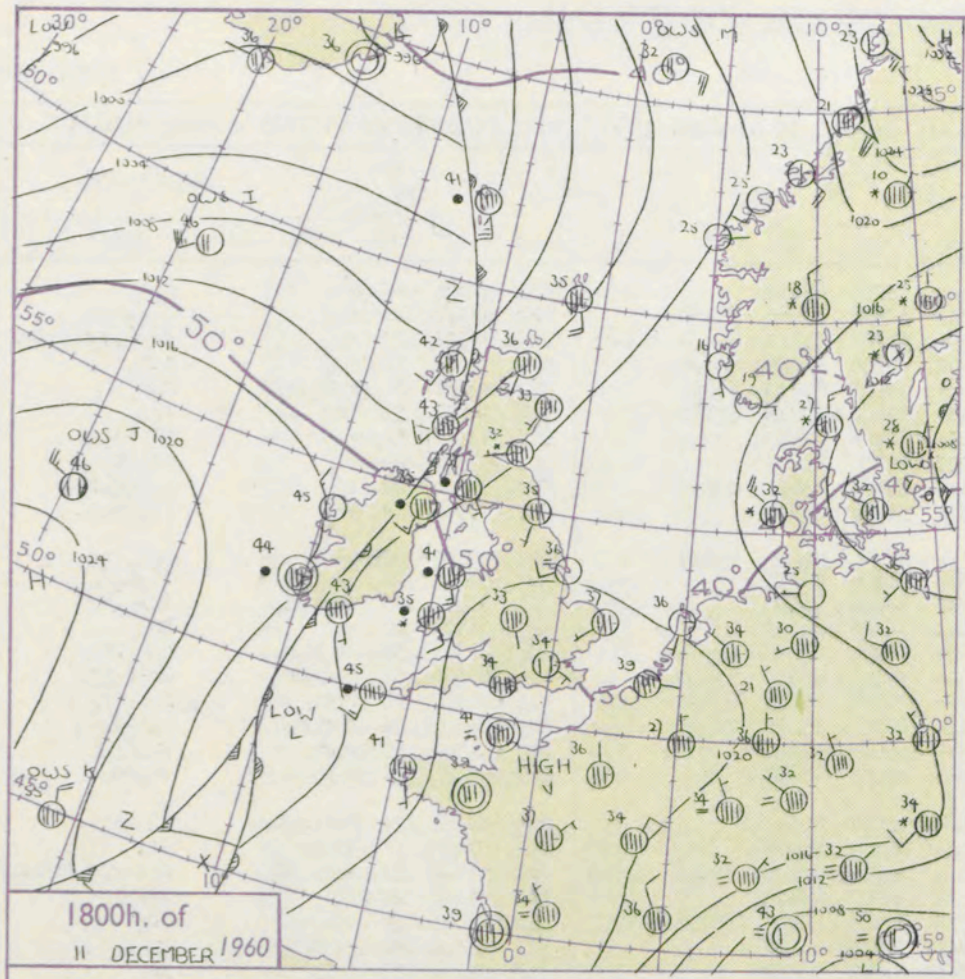

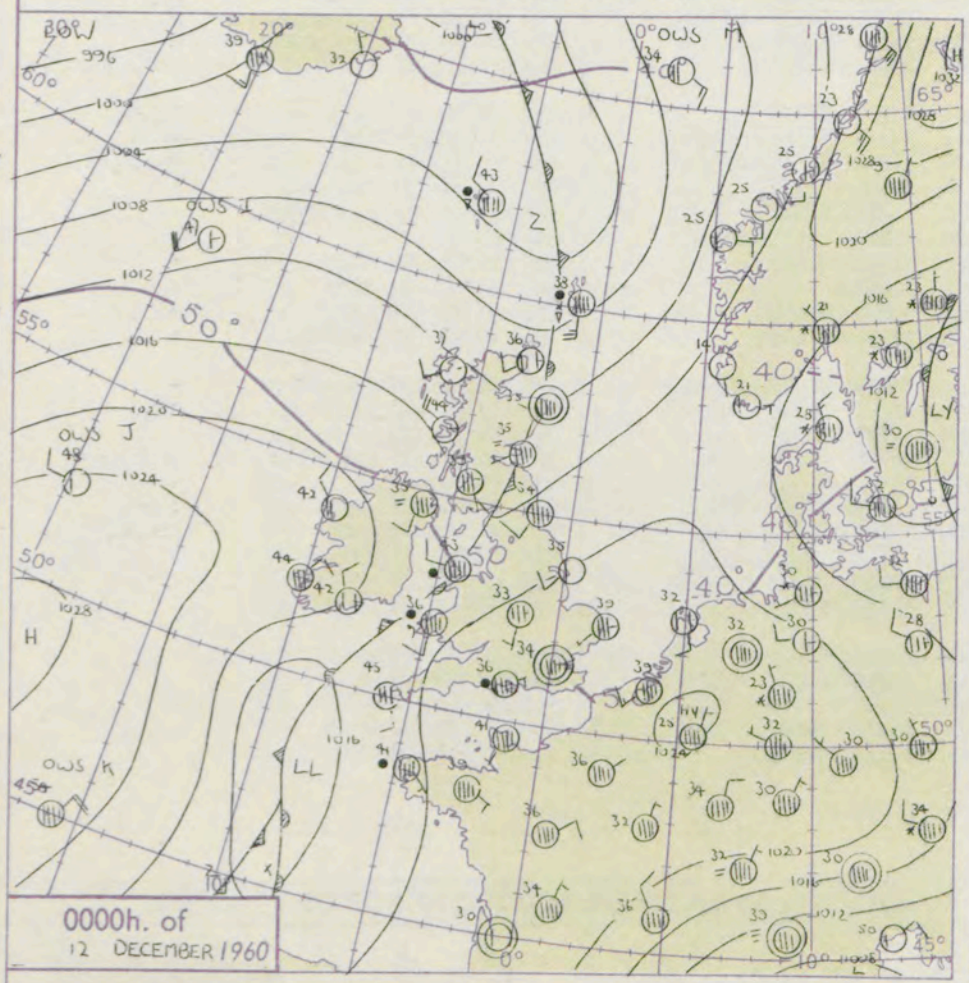

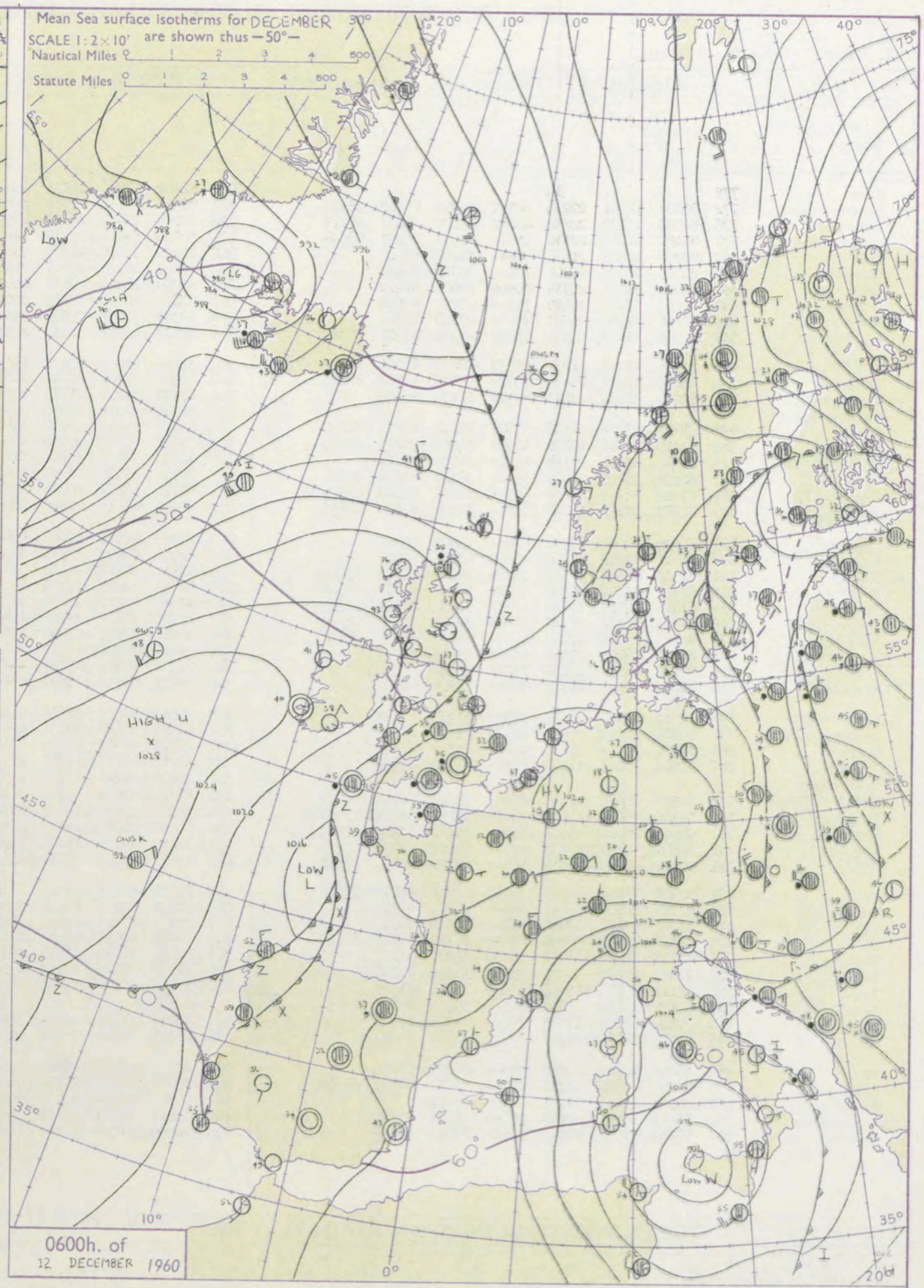

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Monday 12 December 1960

The anticyclone over Finland has moved east, and the ridge of high pressure extending from Scandinavia to Britain has weakened, with a small high cell having become detached and moving across to France. A secondary depression formed on the front which yesterday was approaching the British Isles; this has moved into Biscay, and will continue towards the northwest Mediterranean. The frontal system associated with this depression has now crossed most of the country, and the cold front will become weak as a ridge of high pressure moves from the Atlantic to the Irish Sea by tomorrow.

FORECAST for Great Britain and Northern Ireland until noon tomorrow

The southeastern half of England will start dull and wet, but the brighter weather with scattered showers already affecting other districts will slowly spread across to most parts during the afternoon. Tonight, fog will form widely, with frost in many districts away from the west coast. Most areas will become bright again by noon tomorrow. Temperatures will be near average this afternoon except in the southeast which will remain rather cold.

OUTLOOK for the following 24 hours:-

Fine in the east, apart from early fog, but rain probably spreading from the Atlantic to western and northern areas.

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE *(contd.)*

Code FM 11.A

OBSERVATIONS at 00h. 12 December 1960

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_ssCh_sh_s$	$8N_ssCh_sh_s$	$8N_ssCh_sh_s$
Kew	775			34					
London Airport	772	80000	11041	22234	60937	29500	86362	88270	
Gatwick	776	80000	23102	22832	45607	31202	84636	88275	
Thorney Island	871	80201	61606	22336	455++	32001	84621	88638	
Hurn	862	80705	26612	21636	856++	31002	88640		
Guernsey	894	82303	66606	21941	756++	39305	87633		
Felixstowe	697	63302	48031	21935	00906	28801	86272		
Gorleston	497	72403	56022	21639	755++	37203	87626		
Mildenhall	578	82206	32052	21533	7093+	27803	88362		
Cardington	559	82502	23102	21933	3557+	29001	83620	88359	
West Raynham	485	82406	23032	21231	25637	28805	82640	88275	
Wittering	462	82006	37012	21432	4557+	29803	84627	88462	
Boscombe Down	746	81204	32686	22433	8092+	31104	88459		
Ross-on-Wye									
Bristol	628	81608	32687	21735	5552+	33103	85625	88540	
Aberporth	502	81810	58586	19336	4742+	34005	84710	88540	
Rhoose (Cardiff)	715	81405	60616	21138	854++	36701	88618		
Plymouth	827	80906	50216	20639	354++	38101	83619	88623	
Chivenor	707	81205	56216	20337	655++	34801	86620	88650	
St. Mawgan	817	81310	66606	19840	355++	39002	83620	88638	
Culdrose	809	81506	56516	19942	854++	40309	88619		
Scilly	804	61611	81216	18145	65400	43203	86617		
Elmdon	534	71905	58022	21533	1577+	29001	81656	87460	
Shawbury	414	81603	21717	20332	5552+	32801	85625	88543	
Manchester	334	81812	12717	19832	472++	30102	84705	88710	
Squires Gate	318	81613	32687	18533	5642+	38201	85719	88558	
Valley	302	82812	61616	17843	664++	41206	86714	88618	
Ronaldsway	204	82706	66606	17141	864++	39206	88713		
Silloth	214	82108	48537	16738	873++	36301	88708		
Watnall	354	82407	40044	20533	8092+	28705	88460		
Spurn Head	396	22310	32020	20135	25500	31702	82625		
Finningley	360	82309	16042	20035	8097+	28605	88460		
Dishforth	261	81806	20717	18835	6562+	30702	86636	88557	
Tynemouth	262	82012	40027	17134	8092+	31704	88458		
Eskdalemuir									
Mull of Galloway	131	82704	74022	16540	864++	38310	88718		
Prestwick	135	71706	70016	15539	364++	39110	83714	87620	
Renfrew	141	80000	20216	15136	364++	35710	83713	87618	
Leuchars	171	82607	56107	13935	573++	34502	85706	88713	
Dyce	091	80000	56206	13035	356++	28712	83640	88656	
Wick	075	52408	74016	10736	35600	33503	83633	84657	
Cape Wrath	049	82309	66606	09842	864++	37224	88715		
Sule Skerry	010	43213	82016	07944	434++	37400	84915		
Lerwick	005	81823	81832	07838	885++	34720	85820	88635	
Stornoway	026	12408	74258	13037	19500	32230	81925		
Benbecula	022	22922	80028	14745	28500	36224	81820		
Tiree	100	13118	80258	15344	13500	35218	81920		
Aldergrove	917	82111	48102	17635	861++	35213	88702		
Malin Head	980	73320	66808	17643	735++	38325	87920		
Belmullet	976	43208	74258	20742	43500	36222	84920		
Birr	965	53002	59106	20337	555++	36221	85627		
Collinstown	969	82810	66026	18937	861++	36217	84702	88650	
Rineanna	962	00000	13464	21135	00900	35224			
Roches Point	952	53311	66016	20042	564++	41221	85711		
Valentia	953	70212	69258	21344	735++	39225	87921		

OBSERVATIONS at 06h. 12 December 1960

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_ssCh_sh_s$	$8N_ssCh_sh_s$	$8N_ssCh_sh_s$
Kew	775	82302	48686	21536	854++	32705	88618		
London Airport	772	80000	37687	21535	8572+	32806	82635	88556	
Gatwick	776	80000	20617	21833	4552+	31703	81714	84622	86640
Thorney Island	871	50000	59216	21436	25502	36708	82625	85070	
Hurn	862	80000	37606	21235	5562+	33703	85630	88459	
Guernsey	894	72107	82026	21641	2143+	36400	82816	87360	
Felixstowe	697	83009	24022	20836	8097+	30706	88460		
Gorleston	497	82601	56031	20633	00907	29708	88275		
Mildenhall	578	82307	32687	20535	555++	29705	85621	88650	
Cardington	559	82108	48687	21135	8052+	31707	88523		
West Raynham	485	82409	23227	20232	856++	31710	82620	88638	
Wittering	462	82406	48707	20334	856++	31608	88638		
Boscombe Down	746	80000	37217	21733	856++	33604	88634		
Ross-on-Wye	627	82302	24216	20335	864++	34703	88710		
Bristol	628	80000	28217	21036	4562+	36804	84630	88556	
Aberporth	502	73610	66216	20143	564++	38304	85710	87630	
Rhoose (Cardiff)	715	80000	58106	20740	574++	39604	85713	88623	
Plymouth	827	80705	35516	21240	3542+	40302	83615	88525	
Chivenor	707	80906	48026	20839	855++	36804	88626		
St. Mawgan	817	81206	63216	20941	855++	41203	88622		
Culdrose	809	80000	60025	20442	854++	42205	88619		
Scilly	804	80000	63606	19745	854++	45109	88618		
Elmdon	534	82211	48617	20435	554++	35808	82708	85612	88635
Shawbury	414	81903	32027	19734	855++	33703	88620		
Manchester	334	81908	40217	19234	673++	32500	82703	86706	88712
Squires Gate	318	11304	21107	19232	15800	31310	81657		
Valley	302	30401	66016	19843	31500	41210	83820		
Ronaldsway	204	73213	80036	19743	784++	39212	81818	87645	
Silloth	214	12503	37105	19336	10930	35314	81358		
Watnall	354	82609	07617	19333	872++	30808	88703		
Spurn Head	396	72513	57027	18936	764++	33707	87715		
Finningley	360	82205	48027	18835	654++	34709	86615	88635	
Dishforth	261	72105	32057	18335	66478	33502	86714	87270	
Tynemouth	262	12715	61027	17037	10970	34304	81358		
Eskdalemuir	162	23006	82011	19833	20940	33216	82364		
Mull of Galloway	131	43212	80031	19341	33470	39217	83915	83360	
Prestwick	135	10902	74020	19032	15500	31215	81625		
Renfrew	141	00000	66011	18932	00900	32221			
Leuchars	171	12809	70011	16634	15600	31217	81640		
Dyce	091	13013	82021	15837	15600	32216	81645		
Wick	075	42511	66838	14535	43400	33219	82915	83640	
Cape Wrath	049	32718	82011	14044	32500	42225	83825		
Sule Skerry	010	33213	82028	11344	33400	34207	83915		
Lerwick	005	42920	82038	08942	33402	32225	82918		
Stornoway	026	02308	74018	16836	00900	34217			
Benbecula	022	32713	82038	18144	33500	37208	81922	83635	
Tiree	100	13112	80028	19143	12500	39216	81820		
Aldergrove									
Malin Head	980	12909	74258	20941	12500	37115	81820		
Belmullet	976	23107	78258	23241	22500	37211	82823		
Birr	965	10000	59101	23430	15600	30216	81640		
Collinstown	969	32705	66034	21933	36000	31215	82701	83656	
Rineanna	962	00302	66464	23830	00900	29215			
Roches Point	952	13611	80021	22838	15600	35212	81645		
Valentia	953	10000	71011	23840	11500	37111	81825		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_hE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Kew	775	93341	28	+	r_os_o
London Airport	772	93331	30	+	$r_os_or_or_o$
Gatwick	776	95301	29	+	$ir_or_os_orsr_or_o$
Thorney Island	871	01341	31	ir_o	r_or_o
Hurn	862	92331	31	$r_or_oir_o$	$r_or_oir_o$
Guernsey	894	01401	35	ir_o	ir_o
Felixstowe	697	97341	31	+	$id_oid_os_o$
Gorleston	497	97301	29	+	is_oir_o
Mildenhall	578	97331	29	+	$s_os_od_os_o$
Cardington	559	93311	29	+	$is_oir_os_o$
West Raynham	485	92291	26	+	$s_os_or_os_o$
Wittering	462	94311	28	is_o	$is_od_or_o$
Boscombe Down	746	01311	30	$ir_or_os_o$	$ir_or_or_o$
Ross-on-Wye	627	01331	30	+	ir
Bristol	628	09361	31	$ir_or_or_o$	$r_or_oir_o$
Aberporth	502	05351	33	d_or_odr	$drir_opr_o$
Rhoose (Cardiff)	715	02362	34	r_or_o	$r_or_oir_o$
Plymouth	827	04381	36	rrr_or_o	$r_or_od_od_o$
Chivenor	707	01362	35	r_or_o	$ir_or_or_o$
St. Mawgan	817	96391	38	$r_or_oid_o$	ir_oid_o
Culdrose	809	03351	++	$r_or_od_od_o$	$d_od_oir_o$
Scilly	804	03432		$rrir_o$	ir_o
Elmdon	534	01322	31	$is_os_os_o$	$r_os_or_or_orrd_od_o$
Shawbury	414	01320	28	s_os_o	$s_os_oir_o$
Manchester	334	02325	31	$is_os_os_o$	$id_od_or_o$
Squires Gate	318	03303	24	$rss_os_or_os_orr$	$rrid_o$
Valley	302	06401	33	r_or_o	pr_o
Ronaldsway	204	02391	32	rrr_or_o	ph_o
Silloth	214	01263	22	rrd_or_odd	FF
Watnall	354	94315	28	s_os_o	$ssr_or_offr_os_o$
Spurn Head	396	97340		+	ps_opr_o
Finningley	360	97341	32	is_o	ir_os_o
Dishforth	261	93315	24	s_os_o	$s_os_or_os_ojf$
Tynemouth	262	93331	31	$s_os_ois_o$	+
Eskdalemuir	162	01286	22	$s_os_or_or_o$	+
Mull of Galloway	131	97382			
Prestwick	135	92273	24	d_or_o	+
Renfrew	141	97303	22	ir_o	+
Leuchars	171	91313	26	ir_o	+
Dyce	091	97313	25	ir_oid_o	+
Wick	075	02342	31	prsprh	+
Cape Wrath	049	01341	33	+	ir_o
Sule Skerry	010	04371	35		
Lerwick	005	02372	35	$pr_os_or_or_o$	$pr_oh_opr_o$
Stornoway	026	01341	30	pr	+
Benbecula	022	01411	37	pr_o	$prpr_o$
Tiree	100	02381	31	pr_o	$prhpr_o$
Aldergrove	917	91291	24	f	+
Malin Head	980	01401	35		
Belmullet	976	96350	28		
Birr	965	92293	23		
Collinstown	969	01320	27		
Rineanna	962	92283	24		
Roches Point	952	94371	33		
Valentia	953	02361	31		

Code FM 21.A

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
A	20621	32700	52430	70267	88937	59300	51225	+++++	+++++	05727	12448
B	20565	51000	83434	28718	77635	864++	00307	88610	+++++	05231	17251
C	20528	35500	81832	46616	97344	8042+	00747	88510	+++++	05144	16955
D	20440	41000	81842	61021	05859	27408	00651	82802	82815	00055	16954
I	20588	19100	32331	97028	10947	22501	00801	82820	83070	05335	123+9
J	20524	19500	22710	98012	24048	24500	00202	82625	+++++	05339	12744
K	20448	16000	80220	70038	25454	885++	00213	82823	88636	05146	10233
M	23659	01700	41217	70268	09434	49400	31822	83910	+++++	06328	11334

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
A	20620	33006	32026	80028	91536	39500	00112	+++++	+++++	05928	120+7
B	20563	51006	63248	63018	82534	65400	00224	86615	+++++	05328	17952
C	20528	35506	82545	59216	81741	8042+	00547	88515	+++++	05437	17058
D	20440	41006	62532	65029	12150	22570	00230	81820	85358	05737	17351
I	20590	19106	62136	98028	08449	654++	00613	86618	+++++	05142	17132
J	20523	19306	32021	98020	22848	31500	00709	83620	+++++	05241	149+8
K	20449	16006	80318	70022	26152	756++	81102	87638	+++++	00041	10234
M	23659	02006	11915	80018	06036	19540	21716	81920	+++++	06025	11333

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H.M.S.O. Press, M.O. Dunstable.

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 36181

Date of Issue Tuesday 13 December 1960

Code FM 11.A — OBSERVATIONS at 12h. 12 December 1960

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_d app	$8N_ssCh_sh_s$	$8N_ssCh_sh_s$	$8N_ssCh_sh_s$
Kew	775	82101	14617	21239	6732+	36708	86706	88520	
London Airport	772	82403	33616	21437	673++	35806	86706	88635	
Gatwick	776	80000	10616	21835	6542+	34805	82710	86615	88550
Thorney Island	871	80000	40616	21740	885++	39807	81820	88657	
Hurn	862	80000	14216	21839	856++	37802	82715	88635	
Guernsey	894	72309	80606	22943	6847+	38801	83818	86625	87459
Felixstowe	697	82710	21607	21037	863++	35809	88708		
Gorleston	497	82107	32216	20336	6742+	36804	87712	88530	
Mildenhall	578	82607	19207	20537	872++	36805	88705		
Cardington	559	82904	23268	21238	574++	37802	85712	88640	
West Raynham	485	82707	14107	20335	672++	35801	86703	88620	
Wittering	462	73108	37017	20837	754++	36103	87618		
Boscombe Down	746	82501	14027	21637	553++	37802	86708	88618	
Ross-on-Wye	627	62302	24012	22040	685++	37105	81820	85630	
Bristol	628	32706	32106	22242	30970	40003	83359		
Aberporth	502	10111	83018	22945	18400	41008	81817		
Rhoose (Cardiff)	715	20104	32104	22641	25640	39205	82630		
Plymouth	827	70000	17216	22143	6563+	41804	86632	84360	
Chivenor	707	13607	66016	22647	15530	41207	81620		
St. Mawgan	817	40210	74016	22846	48400	42006	83818		
Culdrose	809	63607	66016	22346	68400	42001	81815	84650	
Scilly	804	30309	82016	23248	38440	44108	82818		
Elmdon	534	43010	17046	22038	463++	36205	84707		
Shawbury	414	23206	20106	22239	26200	38007	82704		
Manchester	334	82705	05464	22335	862++	34112	88705		
Squires Gate	318	90000	F5454	22436	9+0++	36212	89+00		
Valley	302	33610	74020	23645	32500	40217	83825		
Ronaldsway	204	63413	74808	22744	59440	39006	81716	84918	
Silloth									
Watnall	354	03604	17047	20939	00900	35008			
Spurn Head	396	23012	16101	19740	24500	38203	82620		
Finningley	360	03205	14047	21142	00900	35107			
Dishforth	261	13610	56041	21140	18600	34112	81830		
Tynemouth	262	02812	48020	20639	00900	33218			
Eskdalemuir	162	00000	83010	22838	00900	33104			
Mull of Galloway	131	23410	80020	22346	21400	39207	82818		
Prestwick	135	10000	11040	22737	18501	26113	81825		
Renfrew	141	22804	14284	22141	10931	36211	81365		
Leuchars	171	02508	80020	20938	00900	32219			
Dyce	091	13111	74020	19541	15630	34213	81640		
Wick	075	42515	80028	18238	22430	36210	82815	83358	
Cape Wrath	049	82713	83032	17745	885++	43220	88825		
Sule Skerry	010	63213	82038	17047	3343+	38224	83915	86360	
Lerwick	005	23012	82028	14242	23400	32223	81918		
Stornoway	026	72106	80031	19740	1257+	37108	81825	83358	87464
Benbecula	022	72615	83022	20648	12507	37004	81825	87270	
Tiree	100	72808	86038	22047	13406	41105	81918	87070	
Aldergrove	917	11706	62040	24237	18501	33208	81823		
Malin Head	980	42308	85038	23047	22502	39000	82822	84070	
Belmullet	976	41606	80011	24743	21502	38804	82824	84070	
Birr	965	02001	80020	25440	00900	38001			
Collinstown	969	12808	74030	24537	12500	33006	81825		
Rineanna	962	10000	74024	25939	00901	36001	81075		
Roches Point	952	13409	62030	25142	00901	37701	81072		
Valentia	953	20602	80118	25942	18501	39001	81826		

OBSERVATIONS at 18h. 12 December 1960

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_d app	$8N_ssCh_sh_s$	$8N_ssCh_sh_s$	$8N_ssCh_sh_s$
Kew	775	30206	56026	21840	356++	33108	83635		
London Airport	772	73406	37046	22138	565++	36314	83714	85620	87625
Gatwick	776	83504	20016	21339	463++	36206	84708	88611	
Thorney Island	871	73608	61022	21440	464++	37208	84715	87650	
Hurn	862	53405	58031	21938	35440	35210	83615	83635	
Guernsey	894	70206	70258	21444	5847+	42604	83813	85622	87459
Felixstowe	697	83607	56026	20838	863++	36203	88708		
Gorleston	497	02707	16106	20436	00900	36302			
Mildenhall	578	82903	14622	21137	355++	36307	84721	88637	
Cardington	559	83303	17258	21939	855++	36205	88620		
West Raynham	485	73305	23216	20637	473++	37201	84708	86621	87635
Wittering	462	23509	32011	21837	25600	32209	82640		
Boscombe Down	746	23504	40011	22535	25400	33208	82612		
Ross-on-Wye	627	03503	17101	22838	00900	35311			
Bristol	628	00503	56011	22737	00900	35308			
Aberporth	502	10106	80011	23342	11500	37302	81820		
Rhoose (Cardiff)	715	03504	74010	22837	00900	34205			
Plymouth	827	00303	33041	22741	00900	36308			
Chivenor	707	10110	74020	22641	15500	38303	81625		
St. Mawgan	817	10309	76010	23440	11500	37305	81822		
Culdrose	809	10305	66021	22738	15400	36207	81618		
Scilly	804	20411	82020	23146	21400	39203	82818		
Elmdon	534	03106	04464	23331	00900	31210			
Shawbury	414	90000	F5474	23530	9+0++	30209	89+00		
Manchester	334	90000	F7454	22934	9+0++	34205	89+00		
Squires Gate	318	90000	F2454	23334	9+0++	34306	89+00		
Valley	302	30000	74030	23538	35600	37204	83635		
Ronaldsway	204	23407	82028	23145	11500	35208	81820		
Silloth									
Watnall	354	00101	11040	22434	00900	31008			
Spurn Head	396	23314	32018	20639	25500	38204	82625		
Finningley	360	03203	24040	22436	00900	33208			
Dishforth	261	03001	56050	22333	00900	31308			
Tynemouth	262	02915	48020	22337	00900	30308			
Eskdalemuir	162	10000	83020	24837	10930	27315	81362		
Mull of Galloway	131	43406	80030	22747	22479	40104	82818	83360	
Prestwick	135	61205	26041	23033	15608	32004	81635	86075	
Renfrew	141	62806	04464	22837	40932	34205	84362	86070	
Leuchars	171	62609	74011	21735	00902	32209	86072		
Dyce	091	72908	74031	21438	30938	33214	83359	86070	
Wick	075	72608	80258	20139	784++	36109	84818	87633	
Cape Wrath	049	52718	83016	18346	585++	44206	85825		
Sule Skerry	010	83213	81026	17948	864++	41202	88710		
Lerwick	005	62809	82258	16742	48402	37213	81812	83629	85075
Stornoway	026	71908	74022	20239	30938	37105	83358	87275	
Benbecula	022	72415	80032	20647	785++	38801	82825	87633	
Tiree	100	22405	83021	21940	28500	35002	81820		
Aldergrove	917	11803	48101	24133	00901	33400	81075		
Malin Head	980	11905	82021	23338	15600	35203	81645		
Belmullet	976	21308	80030	23037	21500	36704	82820		
Birr	965	10000	58110	24732	15600	31004	81640		
Collinstown	969	02904	80020	24436	00900	34206			
Rineanna	962	11504	56110	24435	00904	35702	81075		
Roches Point	952	13503	75010	24339	00901	36301	81070		
Valentia	953	21204	74011	24037	00902	34703	82075		

OBSERVATIONS during DAY

Station	iii	RRT×T×E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Kew	775	95401	000	$r_os_or_or_o$	if
London Airport	772	01401	000	drr_or_o	+
Gatwick	776	01391	000	$ir_or_or_o$	id_o
Thorney Island	871	01421	000	r_or_o	+
Hurn	862	97431		$ir_or_or_o$	+
Guernsey	894	05441	000	ir_o	ir_opRpr
Felixstowe	697	94382	000	$d_os_or_or_o$	r_or_of
Gorleston	497	02382	000	ir_o	ir_o
Mildenhall	578	01391	000	$ir_os_od_od_o$	$irfid_o$
Cardington	559	96401	000	$d_or_od_od_oprs$	pr_o
West Raynham	485	02391	000	$r_os_or_or_o$	rrpr
Wittering	462	94401	017	r_od_o	+
Boscombe Down	746	91411	007	id_o	+
Ross-on-Wye	627	00431	021	+	f
Bristol	628	00443	032	+	+
Aberporth	502	00451	041	+	+
Rhoose (Cardiff)	715	01443	047	r_or_o	+
Plymouth	827	92451	018	fir_of	+
Chivenor	707	00471	050	+	+
St. Mawgan	817	03471	046	id_oRR	+
Culdrose	809	00470	038	+	+
Scilly	804	00500	048	+	+
Elmdon	534	00403	032	f	ffFF
Shawbury	414	00405	019	ffFF	FF
Manchester	334	00361	000	fFF	FF
Squires Gate	318	97373	000	ffFF	FF
Valley	302	00481	052	+	+
Ronaldsway	204	01463	030	pr_opr	+
Silloth					
Watnall	354	00421	044	f	+
Spurn Head	396	08411	014	pr_orr	pr_opR_o
Finningley	360	00433	042	if	ff
Dishforth	261	00431	060	jf	+
Tynemouth	262	00411	053	+	+
Eskdalemuir	162	00436	064	+	+
Mull of Galloway	131	00471			
Prestwick	135	00423	043	+	+
Renfrew	141	00443	039	ff	ff
Leuchars	171	00413	050	+	+
Dyce	091	00421	041	+	+
Wick	075	95402	022	pr_o	$prpr_o$
Cape Wrath	049	92461		ir_o	ir_o
Sule Skerry	010	95481			
Lerwick	005	91432	021	pr_o	pr_o
Stornoway	026	00441	001	+	+
Benbecula	022	00481	025	+	+
Tiree	100	00481	041	+	+
Aldergrove	917	00391	033	+	+
Malin Head	980	9748	048		
Belmullet	976	9746	055		
Birr	965	9743	066		
Collinstown	969	9742	067		
Rineanna	962	9743	054		
Roches Point	952	9746	069		
Valentia	953	9147	056		

Code FM 21.A — OCEAN WEATHER STATION REPORTS at 12h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_ss_vapp	$8N_ssCh_sh_s$	$8N_ssCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
A	20621	33012	80930	75022	85039	2242+	00750	+++++	+++++	05528	10923
B	20565	51012	82948	59858	89730	6242+	00227	86815	83460	05727	17952
C	20528	35512	42741	63028	89837	42401	00239	84815	+++++	05826	17659
D	20440	41012	72934	63808	22047	725++	00363	87828	+++++	06140	17941
I	20589	19212	72037	98022	05949	785++	51827	81820	87625	05241	17142
J	20527	19212	71931	98258	17348	734++	00734	85918	86640	05342	149+8
K	20449	16012	80510	75022	26652	756++	00804	+++++	+++++	05543	10243
M	23659	02012	81836	70806	02843	6957+	41529	83920	+++++	05536	11846

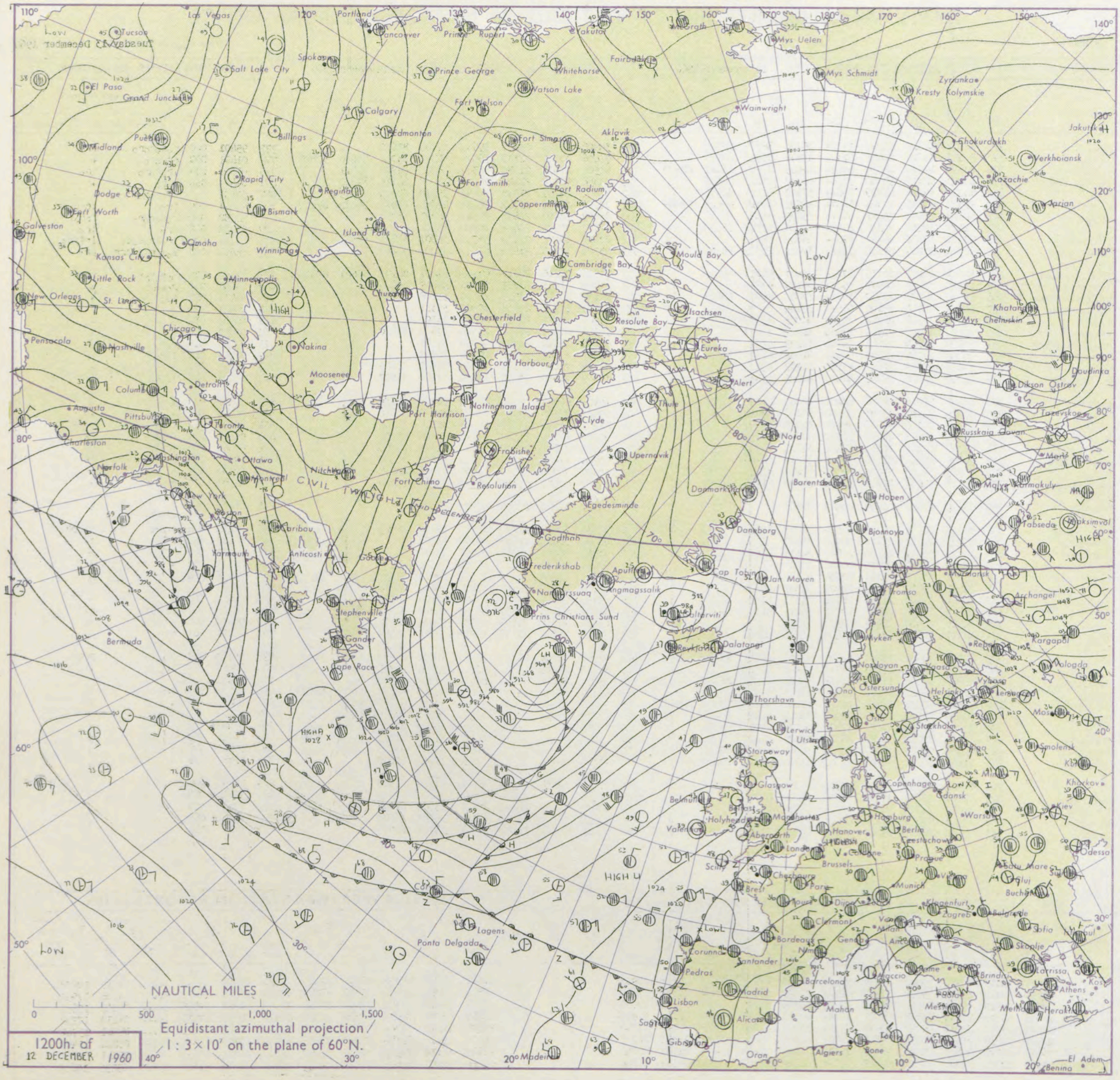
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_ss_vapp	$8N_ssCh_sh_s$	$8N_ssCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
A	20621	33318	80734	56636	67941	7732+	00781	+++++	+++++	05239	10738
B	20565	51018	62940	59858	96930	68400	00236	86615	+++++	05726	17951
C	20528	35518	72740	59858	93236	72400	00325	87815	+++++	05931	17659
D	20440	41018	72923	69028	24347	756++	00317	87635	+++++	06130	17952
I	20590	19118	71740	98028	97348	755++	00741	87625	+++++	05241	15742
J	20528	19118	81840	97258	03849	4557+	00762	84620	88458	05244	11949
K	20449	16118	79907	70022	23450	756++	00813	87633	+++++	05541	100+0
M	23658	02018	32522	65016	05043	38400	81130	81815	83620	05236	12635

All times of observation printed in this publication are GREENWICH MEAN TIME.

SIR GRAHAM SUTTON, C.B.E., D.Sc., F.R.S., Director General. Meteorological Office, Air Ministry, Kingsway, London, W.C.2

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WEST EUROPE

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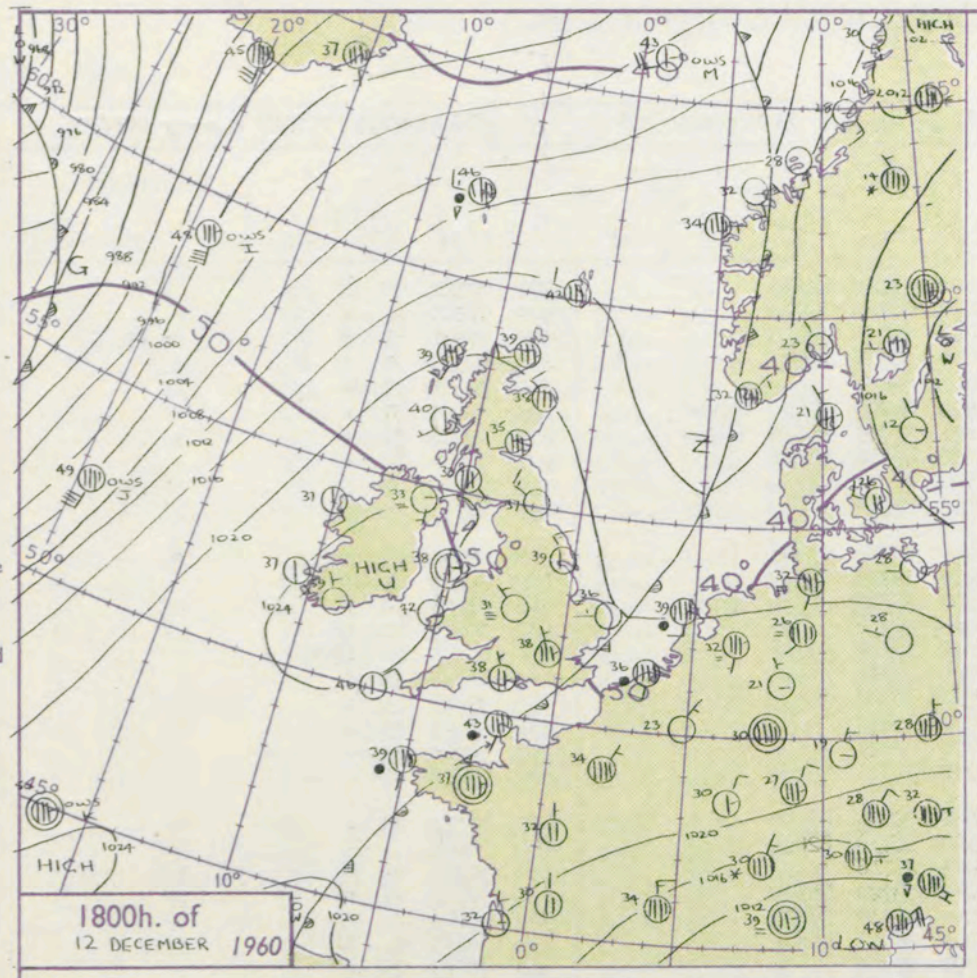

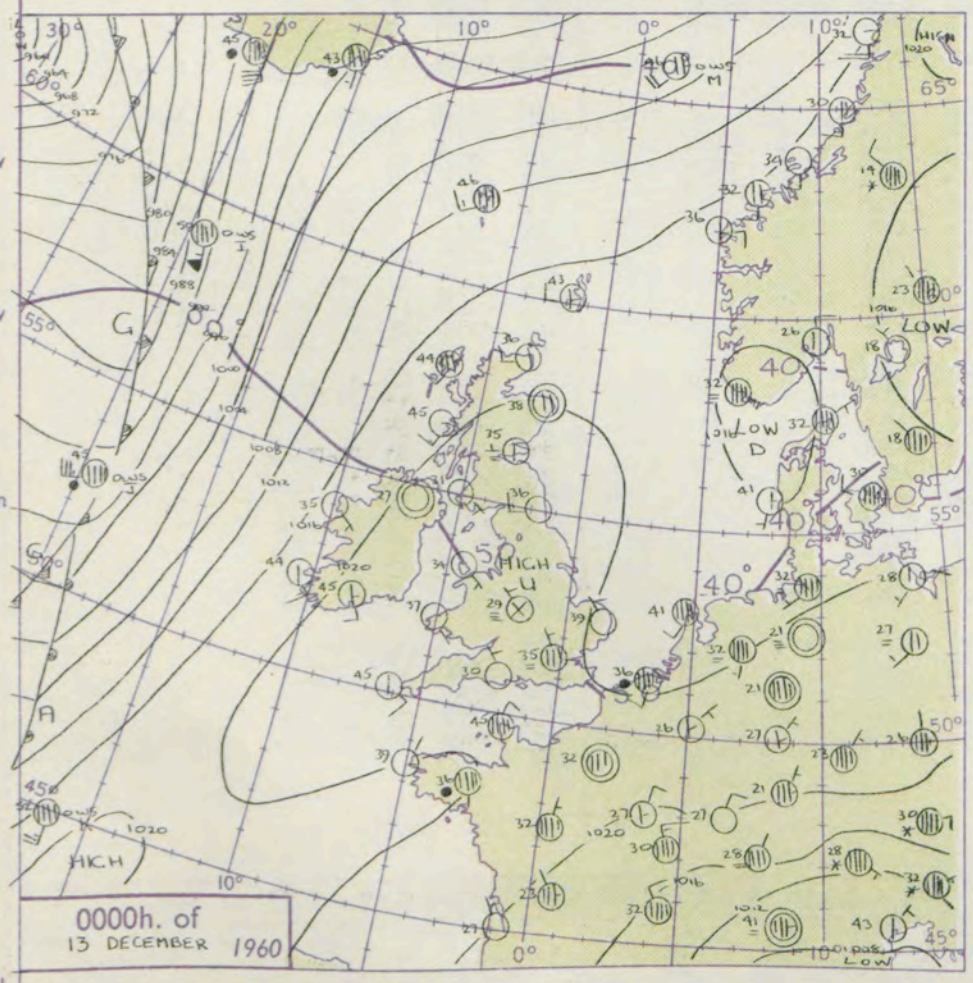

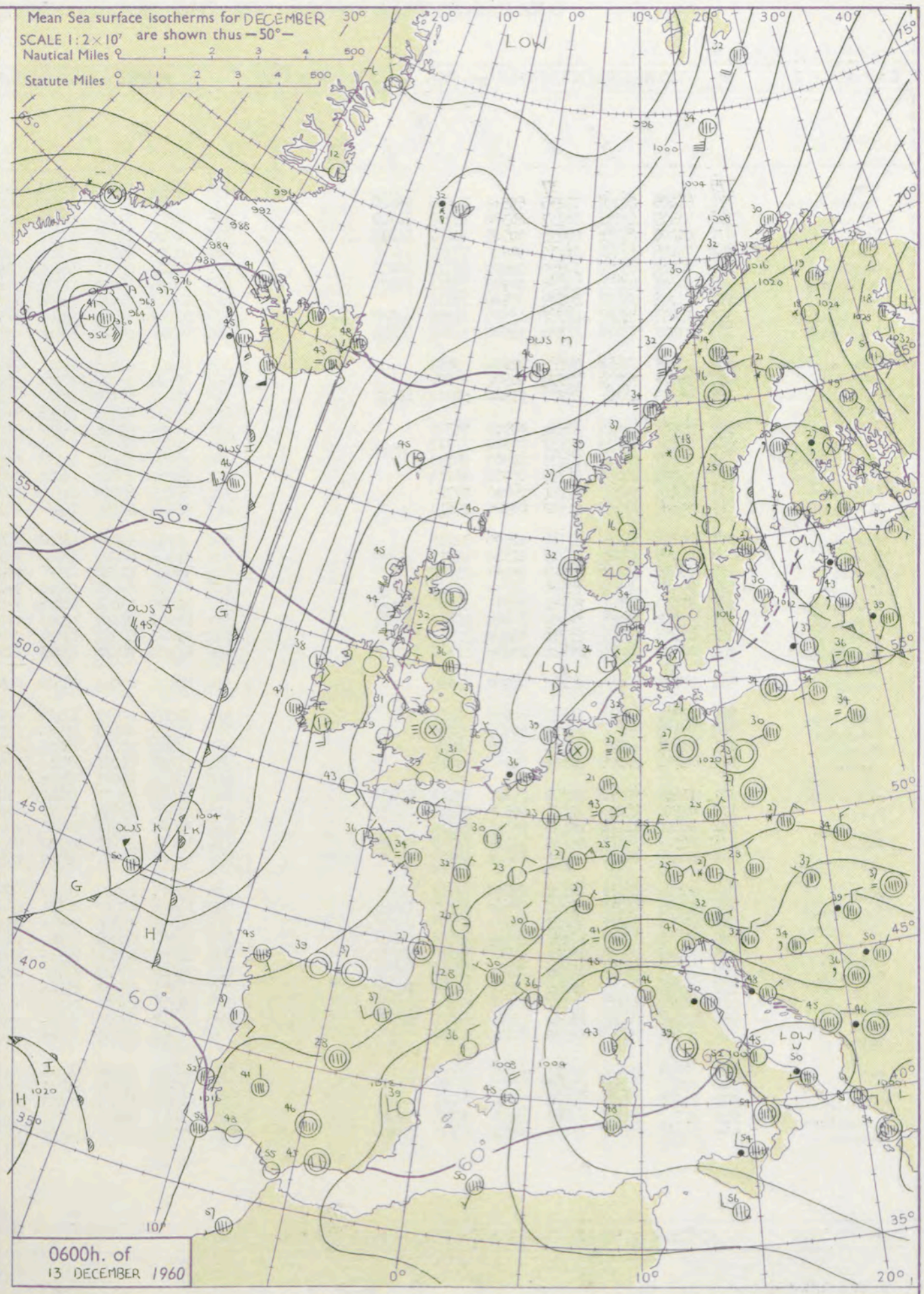

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Tuesday 13 December 1960

The anticyclone over North Europe has declined, and another southwest of the British Isles has moved to the midlands and has also lost its circulation. A deep depression over the central Atlantic has moved to the Davis Strait, and a secondary which has formed on its frontal system west of Biscay is expected to be steered into Spain. The occlusion to the north of this secondary will be rather slow moving into the British Isles.

FORECAST

for Great Britain and Northern Ireland until noon tomorrow

Most parts will be bright this afternoon apart from scattered showers in east England, but fog will continue in some midland and northern areas. Tonight fog will reform in many parts of eastern and central Britiain, and will become dense in places. Frost is also likely in many districts, but the west coast will become cloudy with rain spreading slowly from the Atlantic later in the night. Foggy districts will remain rather cold, otherwise temperatures will be about average.

OUTLOOK

for the following 24 hours.

Uncertain, but rain may spread across to many parts during the day, with fog mostly clearing. Average temperatures,

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE *(contd.)*

Code FM 11.A

OBSERVATIONS at 00h. 13 December 1960

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_d app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775			37					
London Airport	772	63406	20101	21235	655++	34606	86628		
Gatwick	776	43505	23101	20737	46300	35707	84708		
Thorney Island	871	40000	28031	20933	00902	32807	84075		
Hurn	862	03105	17021	21130	00900	29709			
Guernsey	894	20310	66020	20542	22500	36713	82822		
Felixstowe	697	30109	40031	20036	00906	35711	83070		
Gorleston	497	03205	58016	19839	00900	38706			
Mildenhall	578	13403	09446	20932	15500	31806	81620		
Cardington	559	23602	37038	21734	25600	31704	82634		
West Raynham	485	03306	07468	20735	00900	35807			
Wittering	462	03611	28020	21534	00900	31807			
Boscombe Down	746	53305	18101	21930	55500	30712	85620		
Ross-on-Wye									
Bristol	628	00606	09424	22531	00900	31709			
Aberporth	502	01401	66020	22137	00900	33717			
Rhoose (Cardiff)	715	00105	66020	22431	00900	28713			
Plymouth	827	00000	40040	21736	00900	33714			
Chivenor	707	01203	48020	22331	00900	29710			
St. Mawgan	817	00000	69020	22332	00900	29611			
Culdrose	809	00705	64020	21734	00900	32715			
Scilly	804	21009	82020	21445	21500	40717	82820		
Elmdon	534	93103	F1494	22929	9+0++	29804			
Shawbury	414	90000	01434	22530	0+0++	30813	89+00		
Manchester	334	90000	F2454	22731	9+0++	31706	89+00		
Squires Gate	318	91203	01454	22427	9+0++	26811	89+01		
Valley	302	01403	66020	21634	00900	32720			
Ronaldsway	204	00306	74020	21832	00900	38120			
Silloth									
Watnall	354	00108	10040	22134	00900	29809			
Spurn Head	396	03308	57018	21637	00900	34203			
Finningley	360	03103	05464	22332	00900	29806			
Dishforth	261	03001	40050	22430	00900	28809			
Tynemouth	262	02714	32020	21536	00900	30614			
Eskdalemuir									
Mull of Galloway	131	11404	80010	21142	15500	40818	81620		
Prestwick	135	01204	44040	21231	00900	29815			
Renfrew	141	90000	F1474	21428	9+0++	21814			
Leuchars	171	22707	58101	20535	00902	33709	82070		
Dyce	091	40000	66012	20738	15632	32805	81640	83070	
Wick	075	22609	82011	19336	25600	33711	82635		
Cape Wrath	049	32709	83011	17645	38500	43709	83825		
Sule Skerry	010	52509	85022	18147	535++	43703	85920		
Lerwick	005	32709	82018	17243	38400	42400	82815		
Stornoway	026	72009	66032	18144	756++	37719	87635		
Benbecula	022	71610	80012	18043	756++	36816	87637		
Tiree	100	11914	80011	19245	15500	38719	81627		
Aldergrove	917	00000	62020	21127	00900	27724			
Malin Head	980	11508	80020	19634	15600	32722	81645		
Belmullet	976	01206	78010	16935	00900	32832			
Birr	965	01604	59104	20930	00900	30722			
Collinstown	969	02801	58284	21229	00900	28724			
Rineanna	962	21406	50284	20331	27100	30725	82702		
Roches Point	952	31710	75030	20845	35600	38725	83633		
Valentia	953	21417	74020	18244	00901	37735	82071		

OBSERVATIONS at 06h. 13 December 1960

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_d app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775	23402	56011	17434	256++	31721	82635		
London Airport	772	23005	19041	17531	26400	30820	82710		
Gatwick	776	33604	37106	17135	35600	33723	83640		
Thorney Island	871	10000	14101	17333	15600	32721	81630		
Hurn	862	03202	19100	17229	00900	28823			
Guernsey	894	70507	62031	16642	6863+	34726	82820	86640..	
Felixstowe	697	50108	48031	16734	3557+	33719	83630	86360	
Gorleston	497	13307	62010	16636	15500	34819	81620		
Mildenhall	578	02702	11284	17330	00900	29615			
Cardington	559	00000	14108	18128	00900	27718			
West Raynham	485	93205	01478	17134	9+0++	34716	89+00		
Wittering	462	03208	23020	17830	00900	29719			
Boscombe Down	746	03101	11100	18028	00900	28722			
Ross-on-Wye	627	93602	F7454	18728	9+0++	28717			
Bristol	628	90105	F3474	19028	9+0++	28718	89+01		
Aberporth	502	01813	66020	17033	00900	27731			
Rhoose (Cardiff)	715	00806	01444	18030	00900	30728			
Plymouth	827	00000	32040	17231	00900	31732			
Chivenor	707	01006	48020	17330	00900	29829			
St. Mawgan	817	01111	66020	16933	00900	31733			
Culdrose	809	21105	64010	16632	25600	30834	82630		
Scilly	804	21309	82020	15343	21500	36738	82825		
Elmdon	534	90000	F1494	19528	9+0++	28716			
Shawbury	414	90000	F9474	18729	9+0++	28720	89+00		
Manchester	334	90000	F9494	18925	9+0++	24716	89+01		
Squires Gate	318	91005	01434	18927	9+0++	26717	89+01		
Valley	302	01102	66020	17331	00900	29824			
Ronaldsway	204	41307	74021	17839	22502	35720	82825	83070	
Silloth									
Watnall	354	00000	20040	18428	00900	27721			
Spurn Head	396	03309	32010	17337	00900	34722			
Finningley	360	13103	04444	18530	15700	27815	81656		
Dishforth	261	23101	58050	18628	00902	27716	82075		
Tynemouth	262	72710	61021	18636	7097+	30714	87359		
Eskdalemuir	162	50000	74021	20922	5093+	20808	85358		
Mull of Galloway	131	71410	82034	17043	734++	41723	87915		
Prestwick	135	01006	59040	17828	00900	27715			
Renfrew	141	90000	F6474	18633	9+0++	33712			
Leuchars	171	10000	28100	18032	00901	31708	81070		
Dyce	091	40000	56041	19329	20932	27703	82360	83070	
Wick	075	42304	74020	18237	15601	32603	81630	84070	
Cape Wrath	049	11802	83020	16341	15600	39703	81630		
Sule Skerry	010	52305	85022	16546	48401	39704	84615		
Lerwick	005	52908	82028	17040	584++	38101	81818	85635	
Stornoway	026	11825	66011	15345	15600	36712	81630		
Benbecula	022	01614	85020	14740	00900	35615			
Tiree	100	11723	80030	15144	11500	37722	81822		
Aldergrove	917	01303	62020	16727	00900	26724			
Malin Head	980	01707	80020	14935	00900	30628			
Belmullet	976	31210	78030	10738	30904	33624	83070		
Birr	965	21304	80030	14535	15601	33732	81635		
Collinstown	969	00000	59100	15937	00900	35730			
Rineanna	962	01210	74010	12338	00900	36737			
Roches Point	952	51618	80031	13046	55600	37735	85633		
Valentia	953	81418	66021	09447	7551+	38741	81722	87630	88460

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Kew	775	00321	20	ff	ff
London Airport	772	97303	22	+	f
Gatwick	776	97331	27	+	fr_off
Thorney Island	871	00311	23	+	+
Hurn	862	92253	17	+	ff
Guernsey	894	00401	37	+	+
Felixstowe	697	00342	30	+	+
Gorleston	497	00332	30	+	+
Mildenhall	578	97293	22	f	ffffff
Cardington	559	97253	19	pr_o	ff
West Raynham	485	92311	27	or_off	FF
Wittering	462	00293	25	+	+
Boscombe Down	746	97263	19	+	FF
Ross-on-Wye	627	00273	21	fF	FF
Bristol	628	00283	20	ffFF	FF
Aberporth	502	00323	21	+	+
Rhoose (Cardiff)	715	97283	19	f	fF
Plymouth	827	00293	23	+	+
Chivenor	707	00281	20	+	+
St. Mawgan	817	00293	21	+	+
Culdrose	809	00313	22	+	+
Scilly	804	00421		+	+
Elmdon	534	97263	26	FF	FF
Shawbury	414	97281	29	FF	FF
Manchester	334	00253	24	FF	FF
Squires Gate	318	00253	24	FF	FFff
Valley	302	00293	23	+	+
Ronaldsway	204	00311	27	+	+
Silloth					
Watnall	354	00273	17	+	f
Spurn Head	396	06352		ph_o	$prpr_o$
Finningley	360	00293	24	ff	ff
Dishforth	261	00273	21	+	+
Tynemouth	262	00341	30	+	+
Eskdalemuir	162	00206	18	+	fF
Mull of Galloway	131	00361			
Prestwick	135	00263	24	+	+
Renfrew	141	00273	23	FF	FF
Leuchars	171	00273	21	+	fff
Dyce	091	00283	21	+	+
Wick	075	00331	26	+	+
Cape Wrath	049	00391	33	+	+
Sule Skerry	010	00430	35		
Lerwick	005	01392	33	pr_oprpr_o	pr_o
Stornoway	026	00381	31	+	+
Benbecula	022	00381	31	+	+
Tiree	100	00421	37	+	+
Aldergrove	917	97243	17	+	+
Malin Head	980	97324	24		
Belmullet	976	97351	31		
Birr	965	97271	21		
Collinstown	969	91303	19		
Rineanna	962	97301	28		
Roches Point	952	97361	29		
Valentia	953	97401	31		

Code FM 21.A

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
A	30622	33500	61042	70888	60039	69400	00738	+++++	+++++	05534	11039
B	30565	51000	23226	59858	02329	21500	00222	82820	+++++	05817	15751
C	30528	35500	42755	61268	03039	42400	00247	84815	+++++	05531	17759
D	30440	41000	62715	69022	26848	65600	00107	86635	+++++	06134	12959
I	30591	19100	81653	97028	88250	856++	41748	88630	+++++	00044	166+5
J	30528	19100	82534	95616	93445	4742+	41537	84712	88525	05545	199+2
K	30449	16000	81824	70032	18152	6557+	00739	86630	88359	05445	11833
M	33659	02000	52320	65016	05846	55400	51129	85615	+++++	00043	12336

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
A	30623	33706	81036	70818	55341	894++	00609	+++++	+++++	05234	16040
B	30565	51006	62926	67058	02330	62500	00000	86820	+++++	05916	18140
C	30528	35506	62937	61871	08839	62400	00229	86815	+++++	05529	17757
D	30440	41006	81818	69022	23352	855++	00615	88630	+++++	05441	12546
I	30591	19106	82424	97525	86646	855++	00326	88625	+++++	05542	12539
J	30527	19206	22926	98018	99345	2930	00230	82360	+++++	05632	149+9
K	30449	16106	73248	57616	10050	754++	61304	83710	86624	05548	13155
M	33658	01706	72417	70032	09646	65540	51220	86625	+++++	00143	12434

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H.M.S.O. Press, M.O. Dunstable.

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 36182

Date of Issue Wednesday 14 December 1960

Code FM 11.A — OBSERVATIONS at 12h. 13 December 1960

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_d app	$8N_sC_sh_s$	$8N_sC_sh_s$	$8N_sC_sh_s$
Kew	775	90503	04464	14235	9+0++	34721			
London Airport	772	80306	02444	14534	861++	33719	88702		
Gatwick	776	90103	04434	14236	9+0++	34822	89+02		
Thorney Island	871	60202	23031	13736	4623+	35724	84704		
Hurn	862	13606	12284	13734	10940	32823	81364		
Guernsey	894	61410	62018	12944	685++	38719	85820		
Felixstowe	697	70508	50038	13638	785++	35819	85820	87645	
Gorleston	497	60810	62258	14741	4257+	39812	84822	85358	
Mildenhall	578	93401	F5474	15032	9+0++	32717	89+01		
Cardington	559	00000	07444	14834	00900	28825			
West Raynham	485	40506	66034	14341	38530	38721	82820	83640	
Wittering	462	33608	20011	14938	38504	35720	81822		
Boscombe Down	746	03603	01464	14732	00900	31715			
Ross-on-Wye	627	90000	02494	15428	9+0++	27718			
Bristol	628	90306	F9474	15631	9+0++	31719	89+01		
Aberporth	502	71206	80031	14439	10942	32711	81360	87070	
Rhoose (Cardiff)	715	90808	02434	14632	9+0++	32715	89+01		
Plymouth	827	50809	56031	13240	58500	36721	81825	85635	
Chivenor	707	21203	56030	13842	00902	36720	82075		
St. Mawgan	817	10909	61030	13639	15608	34716	81630		
Culdrose	809	41108	62011	12544	48400	37721	82816	83618	
Scilly	804	51313	74022	11246	45501	36821	84622	84075	
Elmdon	534	90000	F2494	15828	9+0++	27824	89+00		
Shawbury	414	90000	01434	15928	9+0++	28819	89+00		
Manchester	334	70000	17284	15431	758+2	29720	87657		
Squires Gate	318	70906	06424	15832	30972	31717	83363	83365	87070
Valley	302	60000	82021	14838	11532	35815	81825	86075	
Ronaldsway	204	71010	23042	15741	754++	37711	87613		
Silloth									
Watnall	354	71005	02604	15435	2578+	32819	82650	87359	
Spurn Head	396	63508	20258	15639	635++	38715	86920		
Finningley	360	50000	06274	16132	58500	31616	81820	84640	
Dishforth	261	73407	56601	15934	15778	29712	81650	85459	87068
Tynemouth	262	83203	08444	16739	856++	43710	88630		
Eskdalemuir	162	33101	70014	17635	35700	32713	83656		
Mull of Galloway	131	80916	78032	15737	864++	37708	88710		
Prestwick	135	70605	40041	16235	15638	32711	81630	84275	
Renfrew	141	80502	03425	17135	862++	34711	88703		
Leuchars	171	73005	28044	16532	60934	31808	86362	87070	
Dyce	091	70000	32041	18132	757++	31705	87650		
Wick	075	61307	74021	17742	10935	39704	81360	86070	
Cape Wrath	049	61802	80020	15841	42605	39713	84830	83070	
Sule Skerry									
Lerwick	005	30000	74011	18040	10932	38104	81365		
Stornoway	026	21714	80021	15745	18501	38000	81825		
Benbecula	022	51812	83031	14444	58501	37000	81825	85635	
Tiree	100	71318	61031	14645	785++	43807	82820	87625	
Aldergrove	917	21008	14100	14740	28500	36710	81820		
Malin Head	980	11405	82020	14343	11502	36806	81820		
Belmullet	976	71314	80021	09340	12576	35808	81820	83462	87270
Birr	965	71406	82031	12742	48502	36806	83822	84640	87073
Collinstown	969	21604	32104	13844	25502	36709	82624		
Rineanna	962	71312	82022	10943	15636	37806	81640	83360	87270
Roches Point	952	71613	80021	10846	615+1	37710	86822	87070	
Valentia	953	81318	80022	07048	5857+	39714	83822	85630	88460

OBSERVATIONS at 18h. 13 December 1960

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_d app	$8N_sC_sh_s$	$8N_sC_sh_s$	$8N_sC_sh_s$
Kew	775	80504	14216	11538	862++	35711	88704		
London Airport	772	80106	12214	11636	873++	35610	88706		
Gatwick	776	90205	04434	10737	9+0++	35714	89+03		
Thorney Island	871	70101	05444	11235	762++	35707	87704		
Hurn	862	90209	08454	11533	9+0++	32504	89+01		
Guernsey	894	11210	56058	09839	15600	34609	81640		
Felixstowe	697	31901	40018	11240	18502	37705	81820		
Gorleston	497	20502	60018	12141	25500	39607	82620		
Mildenhall	578	60205	32284	11733	656++	32709	86637		
Cardington	559	60106	12284	12034	5563+	33610	85640		
West Raynham	485	30808	61018	11836	35500	34708	83625		
Wittering	462	10209	09461	12734	15600	33604	81630		
Boscombe Down	746	90504	07434	12233	9+0++	33608	89+04		
Ross-on-Wye	627	90000	F7494	12729	9+0++	28615			
Bristol	628	90206	F5494	12731	9+0++	31608	89+00		
Aberporth	502	31003	66011	12436	12541	34605	81820	83070	
Rhoose (Cardiff)	715	90810	04474	11833	9+0++	33607	89+01		
Plymouth	827	20711	56011	09939	20930	34608	82360		
Chivenor	707	20802	58011	11436	15630	33607	81640		
St. Mawgan	817	20606	59020	10235	20930	33706	82360		
Culdrose	809	70609	56052	09639	374++	37604	83712	83823	
Scilly	804	40915	61011	08543	42404	38708	84815		
Elmdon	534	73201	04444	13432	3563+	32708	83630	87360	
Shawbury	414	90000	03684	13730	9+0++	30607	89+00		
Manchester	334	80000	06616	13232	874++	31706	88717		
Squires Gate	318	80304	06426	13935	5567+	33705	85640	88359	
Valley	302	40000	66011	13135	40930	31606	84360		
Ronaldsway	204	50409	32042	14135	15702	32603	81656	85070	
Silloth									
Watnall	354	90306	03476	13334	9+0++	33503			
Spurn Head	396	40806	57018	13143	45500	37709	84620		
Finningley	360	53402	07468	13733	15630	33607	81645	85358	
Dishforth	261	33308	13217	14034	35600	33508	81710	83630	
Tynemouth	262	81007	66616	14643	856++	33705	88630		
Eskdalemuir	162	80202	66616	16335	3742+	33601	83710	88519	
Mull of Galloway	131	50908	78012	14139	54400	36602	85618		
Prestwick	135	40000	28104	15231	30931	31701	82358	83364	
Renfrew	141	90202	01474	16033	9+0++	32604	89+01		
Leuchars	171	53206	26216	15633	374++	32400	83712	84650	
Dyce	091	80000	11628	18035	855++	35005	82710	88620	
Wick	075	81210	74808	17945	884++	40500	85818	88630	
Cape Wrath	049	11402	83011	16740	15600	38207	81630		
Sule Skerry	010	51402	85031	16845	25545	39205	82625		
Lerwick	005	80000	66124	18639	00902	38203	88070		
Stornoway	026	51107	80031	16042	00906	35106	85275		
Benbecula	022	41310	74021	14442	38530	40204	81820	83626	
Tiree	100	41212	74031	14642	21402	39106	82818		
Aldergrove	917	30808	14101	13835	30930	35602	83358		
Malin Head	980	61220	61031	13639	10936	36400	81360	86270	
Belmullet	976	21407	78011	10837	20970	34218	82460		
Birr	965	10805	74011	11737	15600	34103	81638		
Collinstown	969	70000	48101	12638	40932	34500	84358	87070	
Rineanna	962	21107	61101	10639	00902	35313	83070		
Roches Point	952	11215	66021	09444	11501	33302	81822		
Valentia	953	71118	80022	08046	4667+	37213	84630	87462	

OBSERVATIONS during DAY

Station	iii	$R_RT_xT_xE$	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Kew	775	91391	000	ff	$ffir_oid_oir$
London Airport	772	91381	000	ffF1f	$ifir_oid_o$
Gatwick	776	97381	000	FF	id_offir_o
Thorney Island	871	97391	022	f	id_of
Hurn	862	97371		ff	ff
Guernsey	894	97441	011	pr_oph_o	+
Felixstowe	697	01412	004	$prpr_o$	$pr_or_or_oir_o$
Gorleston	497	03432	000	pr_o	ir_oiRir_o
Mildenhall	578	97351	000	ffFF	FF
Cardington	559	97361	010	ff	$ffpr_o$
West Raynham	485	01431	036	ff	pr_o
Wittering	462	97401	054	+	fir_of
Boscombe Down	746	97331	006	FFfff	FFfff
Ross-on-Wye	627	00313	000	FF	FF
Bristol	628	00313	000	FFF	FF
Aberporth	502	00413	059	+	+
Rhoose (Cardiff)	715	97333	000	FFff	ff
Plymouth	827	00421	058	+	+
Chivenor	707	00433	054	+	+
St. Mawgan	817	00411	068	+	+
Culdrose	809	00451	039	+	+
Scilly	804	00481	023	+	+
Elmdon	534	97351	000	FFff	ffFF
Shawbury	414	94321	000	FF	FFr_os_of
Manchester	334	92351	000	FFff	$ir_or_or_offid_o$
Squires Gate	318	97361	004	FFffif	ffifir$_o$
Valley	302	00413	032	+	+
Ronaldsway	204	00421	000	+	+
Silloth					
Watnall	354	01351	000	fr_or_o	ff
Spurn Head	396	95442	034	pr_o	pr_o
Finningley	360	02343	000	$ffph_ofpr_of$	ir_ofid_oFF
Dishforth	261	05351	000	$fr_or_oiRis_o$	$iRis_orrr_or_offF$
Tynemouth	262	02431	000	$ffrrr_or_o$	ffr_or_opr
Eskdalemuir	162	01415	046	iF	r_or_o
Mull of Galloway	131	97401			
Prestwick	135	97363	016	+	d_os_o
Renfrew	141	92351	000	$FFffid_o$	$FFr_os_oid_off$
Leuchars	171	02343	000	ir_o	ir_ofirir_o
Dyce	091	01354	000	ir_ofpr_of	$pr_oifir_oirpr_o$
Wick	075	92461	032	+	pr_o
Cape Wrath	049	00431		+	+
Sule Skerry	010	00470			
Lerwick	005	97431	020	+	id_o
Stornoway	026	00481	046	+	+
Benbecula	022	00451	030	+	+
Tiree	100	00461	001	+	+
Aldergrove	917	00421	028	+	+
Malin Head	980	9744	056		
Belmullet	976	9743	023		
Birr	965	9743	055		
Collinstown	969	9745	058		
Rineanna	962	9245	017		
Roches Point	952	0048	022		
Valentia	953	0048	000		

Code FM 21.A — OCEAN WEATHER STATION REPORTS at 12h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_sh_s$	$8N_sC_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
A	30623	33712	82724	65888	61041	7941+	00235	+++++	+++++	05337	12734
B	30565	51012	62724	69858	02229	62500	00400	86820	+++++	06020	12738
C	30528	35512	82730	69268	09537	3257+	00808	83826	85459	05734	17754
D	30440	41012	81824	65032	19758	3737+	00608	83708	+++++	00253	11947
I	30591	18812	72317	98026	96743	1257+	00248	81820	85358	05735	12335
J	30529	19112	42827	99021	01345	39541	00220	81920	83825	05640	199+2
K	30450	16312	43242	70016	14350	42500	71117	84823	+++++	05539	18141
M	33658	02012	72513	75022	13746	25572	00118	82625	86450	05041	12522

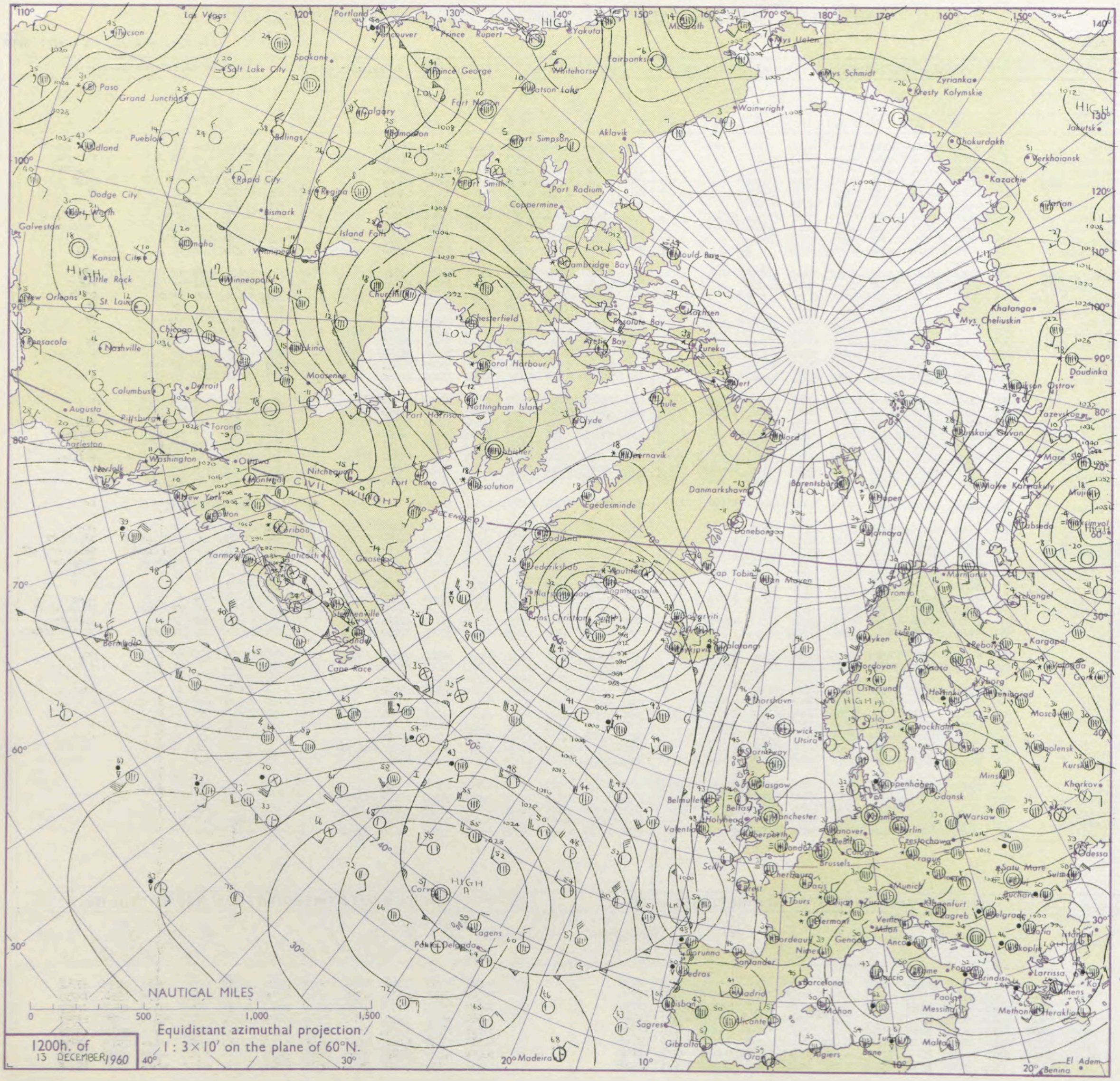
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_sh_s$	$8N_sC_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
A	30623	33418	72346	70818	73039	794++	00275	+++++	+++++	05536	17342
B	30565	51018	62510	49858	99629	62500	00714	86820	+++++	05916	12735
C	30528	35518	81818	58618	05739	862++	00830	88705	+++++	05538	12759
D	30440	41018	71830	63022	17762	67309	00502	86808	871++	00659	11857
I	30591	18718	22020	98028	02145	22531	00233	82825	+++++	05532	12036
J	30530	18818	32126	99021	11046	22500	00345	82820	+++++	05535	17842
K	30451	16318	53345	70258	16850	49503	71215	84923	+++++	05443	18143
M	33659	02118	82212	75022	17346	6557+	00217	86625	+++++	05041	12332

All times of observation printed in this publication are GREENWICH MEAN TIME.

SIR GRAHAM SUTTON, C.B.E., D.Sc., F.R.S., Director General. Meteorological Office, Air Ministry, Kingsway, London, W.C.2

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



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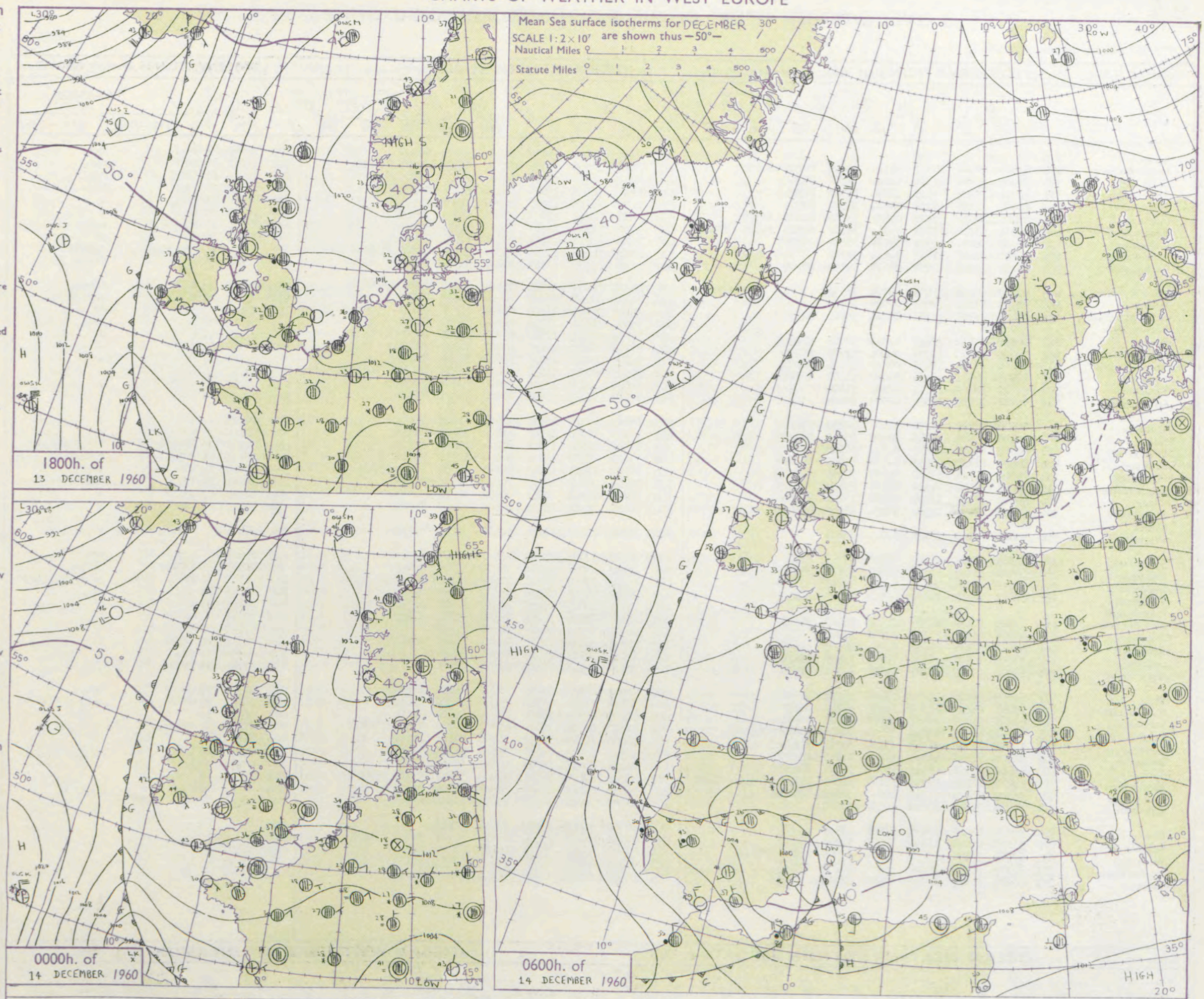

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Wednesday 14 December 1960

A small depression southwest of the British Isles yesterday morning has moved southeast into the west Mediterranean, and a ridge across the British Isles linking an anticyclone near the Azores with another over Scandinavia has intensified. This ridge will be maintained although a warm front will move into northwest districts from the Atlantic.

FORECAST for Great Britain and Northern Ireland until noon tomorrow

Southeastern districts of England will be mainly cloudy with sleet or snow at times. Western and northern England, Wales, Scotland and Northern Ireland will have scattered showers today; fog and frost will occur in places tonight but rain, preceded by sleet or snow in some areas will probably reach Northern Ireland and west Scotland during the night and spread eastwards. It will be cold in most areas today.

OUTLOOK for next 24 hours:

Probably rain or drizzle at times in most areas with average temperatures.

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE *(contd.)*

Code FM 11.A

OBSERVATIONS at 00h. 14 December 1960.

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_d app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775			36					
London Airport	772	83501	08466	10937	562++	37604	85705	88708	
Gatwick	776	90000	01436	11334	9+0++	34400	89+01		
Thorney Island	871	10201	17105	10935	16200	33301	81705		
Hurn	862	80106	11284	10836	862++	35502	88703		
Guernsey	894	51406	80012	10738	25532	33106	82620	83358	
Felixstowe	697	80301	61028	11738	834++	36102	82915	85624	88628
Gorleston	497	80000	58026	12539	855++	39602	88621		
Mildenhall	578	92201	03434	11832	9+0++	32302			
Cardington	559	80104	17105	12035	863++	34500	88706		
West Raynham	485	00000	40118	11835	00900	35301			
Wittering	462	03508	17268	12033	00900	33703			
Boscombe Down	746	80403	19104	11735	862++	35801	88703		
Ross-on-Wye									
Bristol	628	90310	03434	12633	9+0++	32001	89+02		
Aberporth	502	30000	58020	13533	00901	31207	83072		
Rhoose (Cardiff)	715	80406	11104	12633	862++	33304	88705		
Plymouth	827	50508	56011	11436	56400	33109	85711		
Chivenor	707	01207	48020	12134	00900	31105			
St. Mawgan	817	00712	62020	11531	00900	30109			
Culdrose	809	30608	62022	11134	32400	32209	83815		
Scilly	804	40809	61021	10443	42400	39210	84815		
Elmdon	534	93607	F9435	13233	9+0++	33502			
Shawbury	414	90000	F1477	13631	9+0++	31601	89+00		
Manchester	334	00206	07466	13632	00900	31302			
Squires Gate	318	00606	56046	14130	00900	29203			
Valley	302	30803	32020	13738	20930	33204	82360		
Ronaldsway	204	50210	74036	14337	5097+	34000	85360		
Silloth									
Watnall	354	90806	03684	13133	9+0++	33601			
Spurn Head	396	61004	58028	12542	65500	33705	86620		
Finningley	360	53508	19105	13832	55600	32501	85631		
Dishforth	261	93211	01604	14132	9+0++	32601			
Tynemouth	262	60000	16108	15037	625++	34102	86820		
Eskdalemuir									
Mull of Galloway	131	20912	80016	14139	25500	36402	82620		
Prestwick	135	00803	48047	15733	00900	31203			
Renfrew	141	90000	01477	16632	9+0++	32101	89+00		
Leuchars	171	33005	14108	16032	35600	32400	83630		
Dyce	091	10000	07418	18028	15600	27701	81630		
Wick	075	11306	86018	18241	15600	36701	81630		
Cape Wrath	049	11402	83020	16641	15600	39701	81630		
Sule Skerry	010	41405	85030	16947	45500	43703	84625		
Lerwick	005	61108	66025	19144	355++	44400	83622	86640	
Stornoway	026	10000	80021	16733	15600	31204	81630		
Benbecula	022	50000	74031	16134	55600	33203	85635		
Tiree	100	51412	74011	15643	55700	36104	85650		
Aldergrove	917	50603	48101	14934	16431	34003	81710	83360	85075
Malin Head	980	81409	66022	15340	856++	32208	88630		
Belmullet	976	01208	74020	13337	00900	33207			
Birr	965	30000	62021	14430	00902	29115	83073		
Collinstown	969	53303	69011	13836	50930	31008	85358		
Rineanna	962	50905	58101	13635	1561+	33209	81630	85460	
Roches Point	952	51207	66011	12544	55500	36208	85627		
Valentia	953	01009	66021	12042	00900	35115			

OBSERVATIONS at 06h. 14 December 1960.

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_d app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775	83603	87602	11937	862++	34701	88704		
London Airport	772	83406	11606	11736	372++	35301	83703	88705	
Gatwick	776	80000	15106	11235	362++	35705	83705	87707	
Thorney Island	871	80000	14505	11736	362++	35301	83703	88711	
Hurn	862	33306	16105	11932	36200	31303	83703		
Guernsey	894	20000	80026	11637	25600	32205	82645		
Felixstowe	697	80704	58216	11837	855++	34301	88623		
Gorleston	497	70916	62028	12541	755++	37304	87628		
Mildenhall	578	80405	01446	12434	353++	33304	83707	85620	88646
Cardington	559	80203	23585	12535	862++	34302	88705		
West Raynham	485	80705	56117	12835	355++	34304	83620	88629	
Wittering	462	80205	11268	12635	860++	34312	88701		
Boscombe Down	746	83607	19284	13133	861++	33206	88702		
Ross-on-Wye	627	83603	08444	13334	863++	33303	88706		
Bristol	628	80105	14104	13335	862++	35301	88703		
Aberporth	502	20000	58011	14633	00901	31207	82075		
Rhoose (Cardiff)	715	50205	28101	13433	55600	32306	85645		
Plymouth	827	83507	40041	13337	364++	32312	83710	88716	
Chivenor	707	33602	16030	13530	35400	29204	83612		
St. Mawgan	817	10610	37011	13531	16100	31211	81702		
Culdrose	809	10305	60010	13131	12400	31109	81815		
Scilly	804	40709	61020	12942	41400	37209	84818		
Elmdon	534	83407	26506	13435	862++	35202	88705		
Shawbury	414	93407	F9457	14132	9+0++	32301	89+00		
Manchester	334	80207	17027	14033	856++	32302	81712	88630	
Squires Gate	318	70207	56044	14933	7093+	31205	87359		
Valley	302	00801	32020	14631	00900	30207			
Ronaldsway	204	10209	74021	15534	15500	33206	81625		
Silloth									
Watnall	354	30309	23237	13134	37400	33203	83715		
Spurn Head	396	71120	59808	13042	795++	37205	87920		
Finningley	360	30106	23038	14133	35600	33305	83645		
Dishforth	261	23310	07428	14734	25600	33203	82630		
Tynemouth	262	70917	66028	15534	756++	37400	87636		
Eskdalemuir	162	13401	82020	17828	10930	27304	81358		
Mull of Galloway	131	10911	80010	15738	15500	35208	81620		
Prestwick	135	01803	56040	16929	00900	26208			
Renfrew	141	90000	01434	17533	9+0++	33205	89+01		
Leuchars	171	03001	32108	16830	00900	29302			
Dyce	091	00202	32045	18229	00900	29201			
Wick	075	21502	82038	18239	12501	31702	81820		
Cape Wrath	049	31802	83020	16740	35600	35400	83630		
Sule Skerry	010	61805	85038	17344	684++	39400	86615		
Lerwick	005	41610	82036	19140	45600	33400	81622	84640	
Stornoway	026	10000	80020	16727	15600	26101	81640		
Benbecula	022	11308	74020	15633	15600	31603	81645		
Tiree	100	11214	80011	15841	15600	38400	81640		
Aldergrove	917	33403	09466	16033	36500	33207	82703	83625	
Malin Head	980	31606	66011	15538	35600	32400	83635		
Belmullet	976	21208	74020	14137	20930	33304	82360		
Birr	965	00000	66020	15628	00900	27316			
Collinstown	969	62802	62606	15235	664++	33107	82718	86628	
Rineanna	962	21302	59101	15133	15630	31210	81635		
Roches Point	952	70708	66031	14639	756++	37213	87639		
Valentia	953	50602	66031	13838	55600	34309	85640		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_hE	T_gT_g	WEATHER 21h.--03h.	WEATHER 03h.—09h.
Kew	775	97361	29	+	r_os_o
London Airport	772	97351	35	ir_of	r_or_o
Gatwick	776	01321	31	$ffir_o$	r_or_o
Thorney Island	871	97321	26	id_of	fid_o
Hurn	862	97311	27	$ffid_o$	+
Guernsey	894	92371	30	ir_o	+
Felixstowe	697	02361	33	r_or_oph	r_or_o
Gorleston	497	03362	36	ir	pr
Mildenhall	578	02301	25	$ffFFid_or_or_o$	d_od_off
Cardington	559	01331	29	if	$ffpr_o$
West Raynham	485	01331	29	ffrs	ffr_os_o
Wittering	462	03331	29	pr_os_o	pr_os_opRSff
Boscombe Down	746	00331	29	ff	ff
Ross-on-Wye	627	01311	29	ff	fir_o
Bristol	628	91301	27	f	+
Aberporth	502	00313	18	+	+
Rhoose (Cardiff)	715	97321	24	ff	+
Plymouth	827	00331	28	+	+
Chivenor	707	00283	20	+	+
St. Mawgan	817	00293	25	1	+
Culdrose	809	00263	++	+	+
Scilly	804	00411		+	+
Elmdon	534	01331	33	$FFffid_o$	$ffr_od_or_os_oid_o$
Shawbury	414	97291	24	FFff	r_os_oFFff
Manchester	334	97313	24	f	fr_os_o
Squires Gate	318	92284	19	if	$ir_or_os_oif$
Valley	302	00313	23	+	+
Ronaldsway	204	97323	27	ir_o	+
Silloth					
Watnall	354	94331		ffr_os_o	$pr_os_or_os_o$
Spurn Head	396	01401		pr_o	pr_o
Finningley	360	01324	30	id_ofpr_o	pr_oph
Dishforth	261	01311	30	FF	$ir_oFFpr_offprff$
Tynemouth	262	01341	29	pr_o	pr_o
Eskdalemuir	162	00275	23	+	+
Mull of Galloway	131	92361			
Prestwick	135	97243	21	+	+
Renfrew	141	97311	29	id_ofF	FF
Leuchars	171	02284	22	pr_o	f
Dyce	091	97264	19	pr_of	ir_o
Wick	075	01332	27	pr	pr_o
Cape Wrath	049	00381	36	+	+
Sule Skerry	010	01422	37		
Lerwick	005	93391	32	id_oir_o	+
Stornoway	026	00273	21	+	+
Benbecula	022	97311	23	+	pr_o
Tiree	100	00401	35	+	+
Aldergrove	917	01253	19		
Malin Head	980	00341	28		
Belmullet	976	97341	26		
Birr	965	97253	20		
Collinstown	969	01331	27		
Rineanna	962	97321	26		
Roches Point	952	97371	33		
Valentia	953	00371	32		

Code FM 21.A

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
A	40624	33200	82237	65268	82236	893++	00241	+++++	+++++	05832	17243
B	40565	51000	82902	69028	98231	856++	00807	88645	+++++	05713	12733
C	40528	35500	90921	02614	00843	9+0++	00820	89+03	+++++	05343	1++++
D	40440	41000	81625	63215	16161	8092+	00610	88458	+++++	00460	11847
I	40592	18600	02120	98010	06546	00900	00217	+++++	+++++	05535	12036
J	40530	19100	12824	98011	14246	12500	61112	81825	+++++	05536	149+9
K	40453	16400	33231	70258	20248	39503	71313	83920	+++++	05845	13249
M	43660	02000	82308	70028	20146	856++	00210	88640	+++++	00039	12322

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
A	40623	33006	42129	75028	88037	49400	41228	+++++	+++++	05627	12147
B	40565	51006	80708	69022	96431	895++	00503	82820	88645	05715	149+3
C	40528	35506	92337	05614	99550	9+0++	00810	89+03	+++++	00450	1++++
D	40440	41006	81832	65022	14163	856++	00605	88640	+++++	00660	11847
I	40593	18406	12023	98160	07445	12500	00006	81820	+++++	05537	12248
J	40528	19306	72616	98012	14747	785++	61301	81825	87645	05439	149+9
K	40450	16106	73528	70012	21552	785++	71211	83820	87646	05441	13447
M	43660	02106	42004	70012	21846	45500	51106	84620	+++++	00039	100+0

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H.M.S.O. Press, M.O. Dunstable.

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 36183

Date of Issue Thursday 15 December 1960

Code FM 11.A — OBSERVATIONS at 12h. 14 December 1960

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_ch_sh_s$	$8N_ch_sh_s$	$8N_ch_sh_s$
Kew	775	70511	56017	14439	68354	31106	83809	84614	
London Airport	772	80108	32026	14038	856++	34104	82710	88630	
Gatwick	776	80310	40056	13138	884++	33004	82815	87657	
Thorney Island	871	70205	48025	13439	3647+	36003	83712	87359	
Hurn	862	70110	35056	13838	553++	35005	85708	86615	87640
Guernsey	894	50112	63021	13742	52400	34108	85818		
Felixstowe	697	80917	61607	13438	455++	33004	81712	84622	88650
Gorleston	497	80921	58258	13540	855++	32102	88628		
Mildenhall	578	80508	48024	14947	857++	33210	81635	88656	
Cardington	559	80204	32108	15036	863++	35007	85708	88630	
West Raynham	485	70507	62808	15436	5853+	33103	81820	85640	87359
Wittering	462	80405	48038	15736	556++	34212	85638	87656	
Boscombe Down	746	80107	19216	14636	651++	34107	86702	88620	
Ross-on-Wye	627	83605	13286	15036	862++	34103	88705		
Bristol	628	80110	14102	15338	862++	38106	88704		
Aberporth	502	40401	62030	16240	48400	35103	84818		
Rhoose (Cardiff)	715	70205	32101	15338	756++	36105	82630	87640	
Plymouth	827	50114	37051	15140	15430	34105	81618	84358	
Chivenor	707	20000	28104	15437	28400	28004	81815		
St. Mawgan	817	10502	56020	15640	12500	37006	81828		
Culdrose	809	00305	56020	15340	00900	35105			
Scilly	804	60405	57021	16144	62400	39609	86814		
Elmdon	534	70307	23235	16136	353++	35109	83706	87640	
Shawbury	414	73602	08217	16534	362++	34108	83705	87640	
Manchester	334	10406	19044	16539	15600	34209	81635		
Squires Gate	318	00407	19284	17438	00900	35109			
Valley	302	70902	58031	17139	785++	36206	82825	87650	
Ronaldsway	204	50310	66031	17540	48530	37006	83820	84630	85360
Silloth									
Watnall	354	30905	19047	16137	2563+	35007	82635		
Spurn Head	396	71012	59028	16242	755++	36212	87625		
Finningley	360	80103	10108	17134	856++	33210	88640		
Dishforth	261	80107	16624	17734	854++	34310	88618		
Tynemouth	262	83207	08448	18239	856++	35209	88630		
Eskdalemuir	162	53501	80011	19636	48431	33106	83818	82362	
Mull of Galloway	131	20911	80010	17640	11440	38209	81818		
Prestwick	135	10703	56040	18836	15741	25105	81650		
Renfrew	141	90000	01454	19731	9+0++	31107	89+01		
Leuchars	171	12801	14104	18933	18530	31106	81820		
Dyce	091	60201	11041	20232	684++	31207	81815	86560	
Wick	075	31707	80018	18939	38400	36201	81818	83630	
Cape Wrath	049	60902	86021	16840	42605	35705	84830	83070	
Sule Skerry	010	51805	85031	16345	2644+	40702	82715	85360	
Lerwick	005	71513	83022	19441	724++	34803	87818		
Stornoway	026	52006	80021	17437	58530	35801	82822	84635	
Benbecula	022	21713	85011	16842	28530	37601	81820		
Tiree	100	11615	80010	17344	12430	37002	81818		
Aldergrove	917	11108	37048	17939	12500	34002	81820		
Malin Head	980	11505	82021	17541	11500	35206	81820		
Belmullet	976	71509	80031	15938	757++	36004	87650		
Birr	965	60000	66011	17633	656++	31001	86643		
Collinstown	969	20404	64026	17039	28530	36101	81822		
Rineanna	962	21005	56100	17338	15701	34205	81656		
Roches Point	952	53503	56051	17140	28531	37105	81820	84360	85071
Valentia	953	70505	62606	16445	3852+	40108	81820	83636	87459

OBSERVATIONS at 18h. 14 December 1960

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_ch_sh_s$	$8N_ch_sh_s$	$8N_ch_sh_s$
Kew	775	60308	44046	15138	683++	33207	80807	86615	
London Airport	772	80112	48616	15237	354++	34308	83711	86633	88647
Gatwick	776	80208	56216	14037	364++	33204	83712	88715	
Thorney Island	871	80108	56216	14537	554++	34205	85619	88656	
Hurn	862	73406	39046	15035	1547+	32211	81615	83359	86362
Guernsey	894	73612	58908	14041	69432	35307	85915		
Felixstowe	697	80916	58617	14339	754++	35005	87616	88625	
Gorleston	497	80815	58616	15639	7742+	38209	87714	88524	
Mildenhall	578	70306	59606	16137	3547+	35209	83712	84638	87461
Cardington	559	80106	56207	16437	3567+	34208	83630	88358	
West Raynham	485	50607	62216	16036	55500	35206	85625		
Wittering	462	80309	48686	16937	554++	34209	85614	88630	
Boscombe Down	746	83609	32602	15835	352++	32208	83704	88613	
Ross-on-Wye	627	80502	13102	17234	863++	33211	88706		
Bristol	628	03606	28101	16835	00900	33213			
Aberporth	502	00908	56011	18035	00900	31316			
Rhoose (Cardiff)	715	20204	30041	16932	25500	30213	82625		
Plymouth	827	13607	20041	16239	15600	34213	81635		
Chivenor	707	10309	58011	16638	15500	34213	81625		
St. Mawgan	817	60208	59031	16837	684++	34210	84819	84630	
Culdrose	809	20303	56011	16336	25500	32212	82620		
Scilly	804	70109	74031	16344	724++	37208	87814		
Elmdon	534	70206	28102	17535	5563+	35111	85640	87360	
Shawbury	414	70303	19107	18134	1563+	33210	81640	87359	
Manchester	334	70204	06044	18335	7093+	33212	87358		
Squires Gate	318	60406	28041	18934	55740	32313	81635	85646	
Valley	302	00803	19050	18835	00900	32216			
Ronaldsway	204	11209	64011	19739	12500	32318	81822		
Silloth									
Watnall	354	60403	13102	17634	657++	33206	86656		
Spurn Head	396	70000	57022	17441	755++	36209	87620		
Finningley	360	03505	05444	18533	00900	33109			
Dishforth	261	83409	20106	18835	857++	35208	81640	88656	
Tynemouth	262	73415	48028	19042	755++	36205	87625		
Eskdalemuir	162	30101	66011	21533	30930	31316	83360		
Mull of Galloway	131	41414	80030	19341	39470	39316	83915	83360	
Prestwick	135	10606	44040	20130	15700	28215	81650		
Renfrew	141	90000	01434	20930	9+0++	30315	89+01		
Leuchars	171	00000	14104	20430	00900	29212			
Dyce	091	00000	01464	21325	00900	25311			
Wick	075	02406	66010	20035	00900	33209			
Cape Wrath	049	41405	83031	18438	455++	35217	84625		
Sule Skerry	010	52105	85032	17944	585++	37208	85620		
Lerwick	005	61809	74258	19739	634++	37207	83915	85637	
Stornoway	026	11813	80021	18041	12630	36107	81820		
Benbecula	022	11513	80010	17037	18500	35000	81820		
Tiree	100	21517	74011	18143	25500	38004	82622		
Aldergrove	917	11006	23400	19729	15500	29316	81625		
Malin Head	980	01608	74020	18437	00900	33108			
Belmullet	976	81407	66602	16839	864++	36311	84717	88645	
Birr	965	11603	32101	18632	15600	31211	81640		
Collinstown	969	13402	62011	18438	14500	35111	81639		
Rineanna	962	41207	62100	18138	15602	33211	81645	84070	
Roches Point	952	10000	59051	18240	15700	31208	81656		
Valentia	953	80000	66606	17544	856++	40210	88634		

OBSERVATIONS during DAY

Station	iii	RRT_xT_xE	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Kew	775	97391	000	$ir_of ir_o$	ir_o
London Airport	772	97381	000	r_or_o	$r_or_oir_o$
Gatwick	776	97381	000	ir_orr	$ir_orrtlrd_od_o$
Thorney Island	871	97391	000	ir_o	ir_o
Hurn	862	97381		ir_o	ir_o
Guernsey	894	93431	034	+	pr_oprh
Felixstowe	697	02402	000	$r_os_oir_o$	$r_os_or_or_oir_o$
Gorleston	497	03412	000	$ir_or_or_o$	$r_or_oir_or_or_o$
Mildenhall	578	96371	000	$ir_or_or_o$	r_or_o
Cardington	559	91381	000	ffr_os_o	d_od_o
West Raynham	485	01381	000	pr_oir_o	$r_or_opr_oir_o$
Wittering	462	97371	000	fpr_oir_o	$ir_or_os_oir_o$
Boscombe Down	746	97371	000	ir_o	ir_o
Ross-on-Wye	627	00371	000	ff	+
Bristol	628	00371	000	+	+
Aberporth	502	00413	063	+	+
Rhoose (Cardiff)	715	00391	000	+	+
Plymouth	827	00411	024	+	+
Chivenor	707	00431	035	+	+
St. Mawgan	817	00421	063	+	+
Culdrose	809	00423	055	+	+
Scilly	804	97461	043	+	pr_o
Elmdon	534	95381	002	$idd_or_or_os_of$	ff
Shawbury	414	97361	010	$ffir_ois_o$	+
Manchester	334	00403	030	ff	+
Squires Gate	318	00401	054	if	+
Valley	302	00433	043	+	+
Ronaldsway	204	00441	019	+	+
Silloth					
Watnall	354	00381	008	+	+
Spurn Head	396	97430	000	pr_o	pr_o
Finningley	360	97363	000	if	ff
Dishforth	261	01361	000	$pr_oirr_or_o$	r_or_o
Tynemouth	262	97421	012	ff	pr_o
Eskdalemuir	162	00365	018	+	+
Mull of Galloway	131	00421			
Prestwick	135	00373	052	+	+
Renfrew	141	00331	000	FF	FF
Leuchars	171	00374	035	f	f
Dyce	091	00334	020	+	ifF
Wick	075	94403	033	pr_o	+
Cape Wrath	049	00431		+	+
Sule Skerry	010	00440			
Lerwick	005	04422	000	pr_opr	prpRpRH
Stornoway	026	00421	020	+	+
Benbecula	022	00431	048	+	+
Tiree	100	00441	025	+	+
Aldergrove	917	01423	048	pr_oif	ifFFff
Malin Head	980	9742	059		
Belmullet	976	9741	012		
Birr	965	9738	014		
Collinstown	969	9741	046		
Rineanna	962	9741	043		
Roches Point	952	0045	052		
Valentia	953	9246	000		

Code FM 21.A — OCEAN WEATHER STATION REPORTS at 12h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_ch_sh_s$	$8N_ch_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
A	40620	32912	52127	75268	93137	594++	41221	+++++	+++++	05728	12147
B	40565	51012	80715	69022	94733	856++	00705	88635	+++++	05220	149+3
C	40528	35512	92339	00456	02450	9+0++	00110	89+00	+++++	00550	12247
D	40440	41012	81831	63216	15164	855++	00203	88625	+++++	00659	11848
I	40593	18412	81823	97808	06445	5857+	00806	83820	85650	05539	11947
J	40528	19612	82037	96616	12047	864++	61720	83709	88712	05446	149+9
K	40449	16012	73520	70028	23952	4457+	71104	84627	87361	05441	13456
M	43658	01812	61205	75032	21246	55640	00710	85640	+++++	00141	100+0

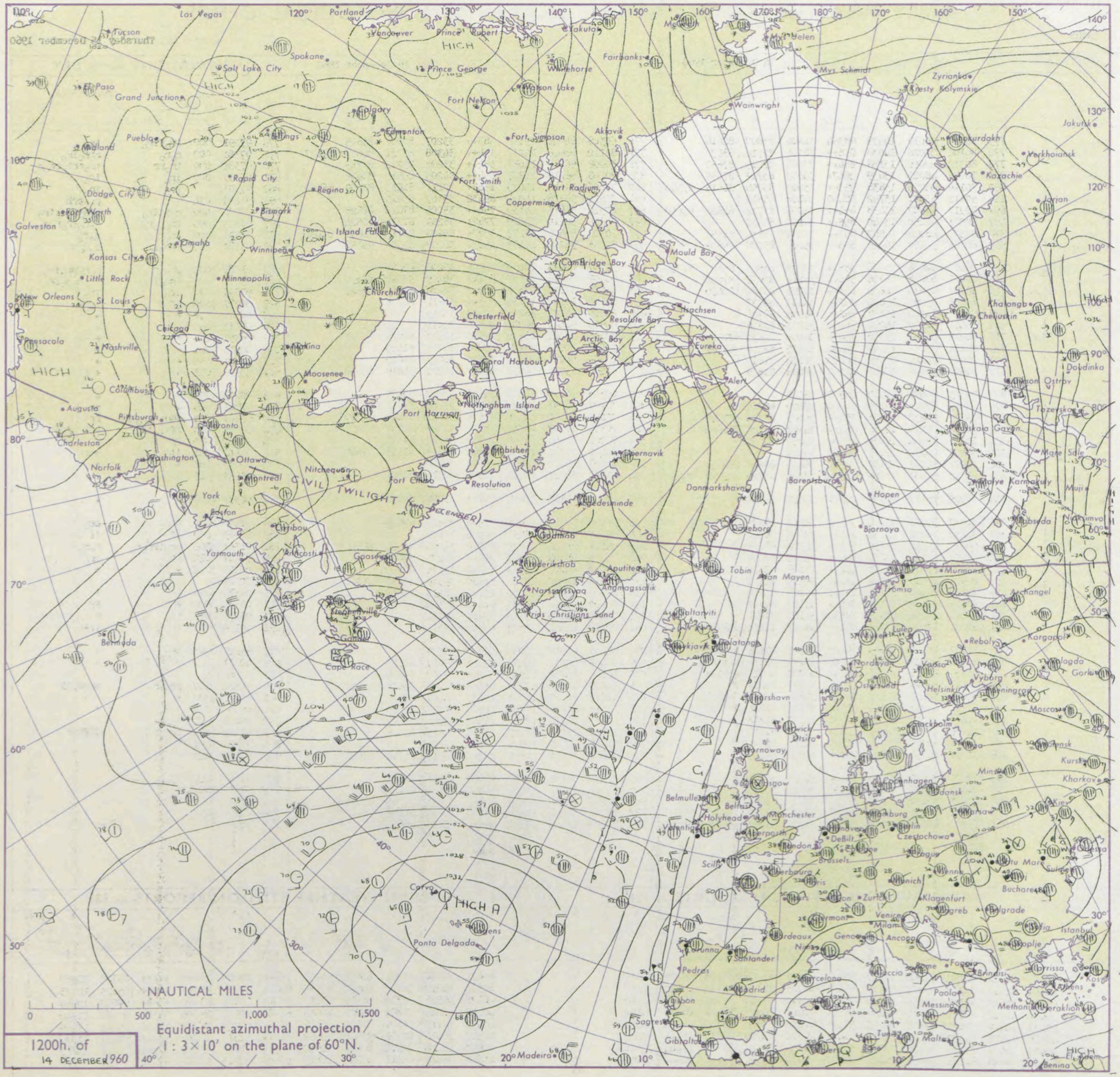
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_ch_sh_s$	$8N_ch_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
A	40621	32818	71928	65878	94937	793++	00400	+++++	+++++	05728	11947
B	40565	51018	80720	69022	90434	856++	00731	88645	+++++	05423	149+3
C	40528	35518	92338	01454	03250	9+0++	00108	89+00	+++++	00550	12349
D	40440	41018	71834	63022	12663	56380	00608	85708	85360	00460	11949
I	40593	18118	81821	97608	05446	5647+	00704	85715	88458	05343	11849
J	40527	20018	82724	93516	09552	862++	51313	88704	+++++	00151	149+9
K	40450	16118	82712	60618	22950	5737+	71707	85707	87361	05648	12743
M	43658	01818	81411	65218	18845	5757+	00715	83620	87356	05036	11422

All times of observation printed in this publication are GREENWICH MEAN TIME.

SIR GRAHAM SUTTON, C.B.E., D.Sc., F.R.S., Director General. Meteorological Office, Air Ministry, Kingsway, London, W.C.2

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WEST EUROPE

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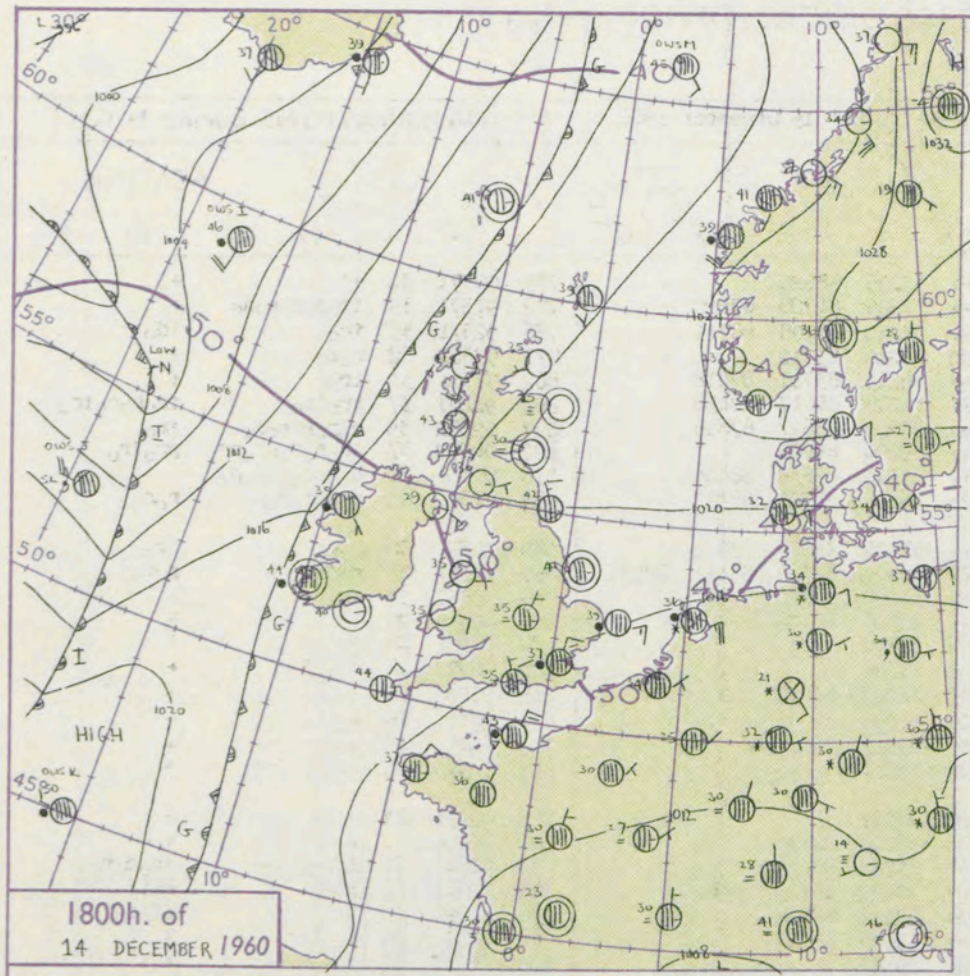

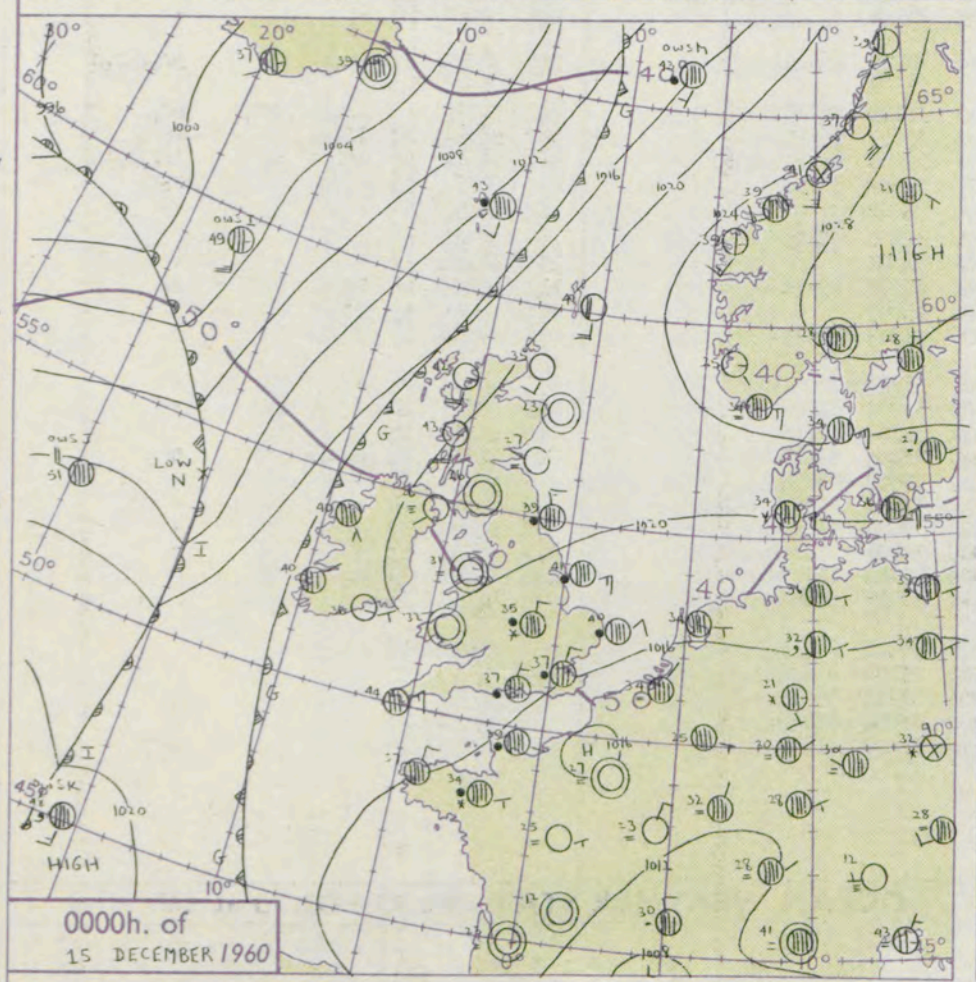

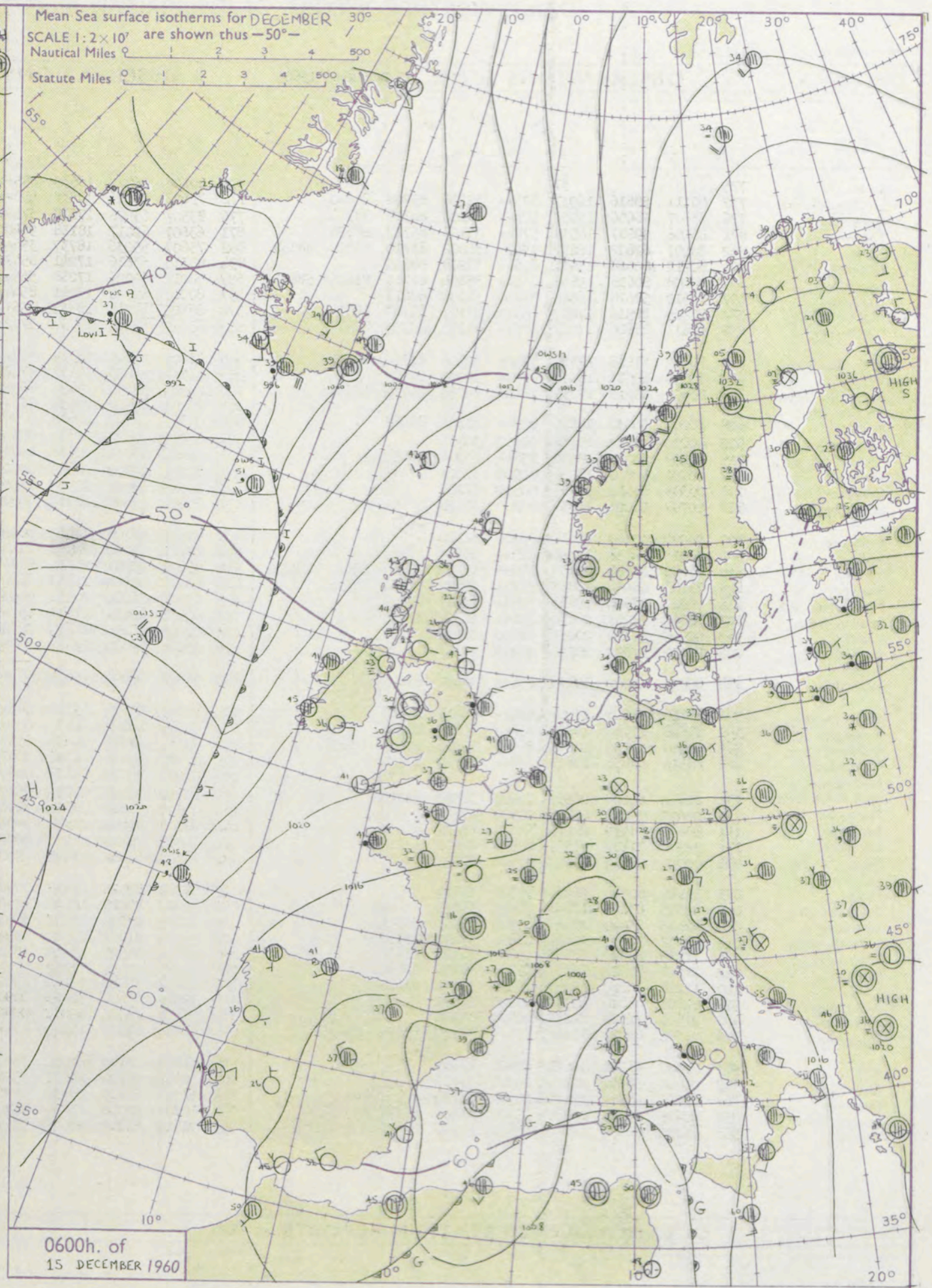

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Thursday 15 December 1960

The ridge lying across the British Isles linking an anticyclone over Scandinavia with another near the Azores has continued to intensify. It is likely to give way a little during the next twentyfour hours as the frontal system of a depression near Iceland moves into northern and western districts.

FORECAST for Great Britain and Northern Ireland until noon tomorrow

It will be cold but bright in most areas at first with scattered showers. Fog and frost will occur in many places in England and Wales tonight. A belt of rain is expected to reach the Hebrides during the afternoon and move southeast across all of Scotland and Northern Ireland followed by bright weather with scattered showers. The rain will affect Wales and some northern and western areas of England tomorrow.

OUTLOOK for the following 24 hours:-

Occasional rain in most areas with temperatures near average.

Code FM 11.A

OBSERVATIONS at 00h. 15 December 1960

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sC_hh_s$	$8N_sC_hh_s$	$8N_sC_hh_s$
Kew	775			37					
London Airport	772	60111	58616	16937	373++	35106	83708	85640	
Gatwick	776	83607	56606	15937	474++	34108	84710	88714	
Thorney Island	871	80106	59687	16538	574++	35108	85712	88624	
Hurn	862	80107	62602	16837	3547+	34002	83710	83520	88358
Guernsey	894	80212	60028	15941	856++	33208	88645		
Felixstowe	697	80408	60616	15838	354++	36104	81713	83616	88631
Gorleston	497	80510	58616	16640	854++	38102	88618		
Mildenhall	578	80205	40516	17037	453++	37101	84707	88614	
Cardington	559	83611	48616	17837	375++	35105	83707	88613	
West Raynham	485	80512	61618	17338	7742+	37106	87710	88521	
Wittering	462	83610	40637	18036	853++	35000	88609		
Boscombe Down	746	83608	40216	17735	1643+	34001	81710	88358	
Ross-on-Wye									
Bristol	628	80207	56032	18836	8092+	33101	88458		
Aberporth	502	00000	48020	19732	00900	30701			
Rhoose (Cardiff)	715	80407	48021	18536	858++	33004	88657		
Plymouth	827	00202	48040	18036	00900	32002			
Chivenor	707	00305	48011	18735	00900	31201			
St. Mawgan	817	00707	58021	18833	00900	30106			
Culdrose	809	00000	40100	18631	00900	31110			
Scilly	804	70413	74038	18344	725++	39310	87820		
Elmdon	534	83609	37686	19435	354++	33101	81706	83612	88656
Shawbury	414	73303	08464	19833	5573+	32802	85650	87358	
Manchester	334	70703	07044	19833	7093+	31801	87358		
Squires Gate	318	70000	19041	20132	756++	31701	87645		
Valley	302	00000	11100	20231	00900	30202			
Ronaldsway	204	00209	80020	20731	00900	28303			
Silloth									
Watnall	354	80108	14042	19136	856++	34400	88645		
Spurn Head	396	80716	58618	18541	864++	37203	88715		
Finningley	360	83506	11104	19635	856++	35602	88638		
Dishforth	261	83410	26102	20035	856++	35604	82631	88638	
Tynemouth	262	83514	48636	20839	856++	36204	88630		
Eskdalemuir									
Mull of Galloway	131	21412	80020	20639	25400	36203	82618		
Prestwick	135	00000	50040	21326	00900	23202			
Renfrew	141	90000	F8494	22230	9+0++	29205			
Leuchars	171	02901	11104	21327	00900	26801			
Dyce	091	00000	23044	22323	00900	22801			
Wick	075	01910	80020	21235	00900	31304			
Cape Wrath	049	02305	83020	18438	00900	33701			
Sule Skerry	010	42105	85020	18643	45500	33203	84625		
Lerwick	005	41822	74278	20441	43400	39400	83916		
Stornoway	026	11819	80020	18942	15600	36303	81630		
Benbecula	022	21512	80022	17939	25700	34303	82650		
Tiree	100	11718	74010	19043	15500	38501	81622		
Aldergrove	917	02301	04484	20726	00900	25502			
Malin Head	980	01606	74020	19235	00900	31504			
Belmullet	976	81305	69026	17640	855++	38502	83621	88635	
Birr	965	01602	58100	19628	00900	27804			
Collinstown	969	00000	56101	20334	00900	32202			
Rineanna	962	01305	50100	19632	00900	30702			
Roches Point	952	10605	59050	19736	15700	34003	81656		
Valentia	953	60302	66036	19040	65600	38105	86636		

OBSERVATIONS at 06h. 15 December 1960

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sC_hh_s$	$8N_sC_hh_s$	$8N_sC_hh_s$
Kew	775	80108	56022	18639	855++	35206	88620		
London Airport	772	73407	56026	18538	453++	37209	84708	87620	
Gatwick	776	83507	63506	17638	373++	35210	83708	88711	
Thorney Island	871	63607	62017	18138	56400	36209	85712		
Hurn	862	73607	59036	18737	354++	34213	83711	87618	
Guernsey	894	80310	63616	17241	6547+	36209	86617	88458	
Felixstowe	697	70211	60026	17238	555++	37209	85627	87656	
Gorleston	497	80210	62028	17041	854++	39204	88618		
Mildenhall	578	83505	48045	18335	556++	35212	85638	88645	
Cardington	559	83610	56616	19238	3732+	36210	83707	88513	
West Raynham	485	83609	62026	18339	555++	37205	85622	88650	
Wittering	462	83611	32636	19137	6742+	35109	82703	86711	88532
Boscombe Down	746	83505	32052	19436	862++	34208	88705		
Ross-on-Wye	627	83201	17102	20634	863++	32505	88708		
Bristol	628	00308	37102	20634	00900	31209			
Aberporth	502	00000	48020	21830	00900	28306			
Rhoose (Cardiff)	715	10202	58011	20633	15800	32207	81657		
Plymouth	827	03209	59020	20035	00900	33209			
Chivenor	707	11305	48020	20530	15500	29207	81625		
St. Mawgan	817	00506	57020	20934	00900	32211			
Culdrose	809	00505	56100	20432	00900	28309			
Scilly	804	20711	63020	20041	21400	35210	82816		
Elmdon	534	83406	23587	21036	873++	35210	88709		
Shawbury	414	83403	09424	21733	462++	30207	84705	88622	
Manchester	334	80000	06465	20934	8093+	33104	88358		
Squires Gate	318	60505	60031	21333	657++	31203	86656		
Valley	302	00000	14100	21630	00900	29104			
Ronaldsway	204	03606	62020	22031	00900	28104			
Silloth									
Watnall	354	63506	06468	20636	674++	36208	86715		
Spurn Head	396	80215	59808	19342	864++	38205	88718		
Finningley	360	83409	13616	21036	855++	35207	88620		
Dishforth	261	83510	18607	21436	655++	35206	86621	88633	
Tynemouth	262	33516	48016	21342	30970	40102	83358		
Eskdalemuir	162	03501	74020	24127	00900	26102			
Mull of Galloway	131	20710	78020	21937	25400	34208	82615		
Prestwick	135	00902	56040	22325	00900	22001			
Renfrew	141	90000	01494	23328	9+0++	28301	89+01		
Leuchars	171	00000	28100	22426	00900	25000			
Dyce	091	10000	40041	23422	15500	21805	81625		
Wick	075	01708	82020	21436	00900	33704			
Cape Wrath	049	11802	83010	18538	15500	33201	81625		
Sule Skerry	010	22109	85020	19143	25500	33702	82625		
Lerwick	005	31915	81028	20740	33400	38805	83917		
Stornoway	026	31825	80021	18243	35600	38809	83630		
Benbecula	022	71717	80032	17842	5577+	37804	85650	86458	
Tiree	100	11722	74010	19444	15400	39604	81618		
Aldergrove	917	02903	02464	22023	00900	22001			
Malin Head	980	31810	74030	20037	00902	33802	83070		
Belmullet	976	81711	69022	18541	856++	38503	88640		
Birr	965	31605	48100	21530	35600	29001	83638		
Collinstown	969	32602	58104	21931	35500	29104	83627		
Rineanna	962	51307	58101	20733	00901	31211	85070		
Roches Point	952	10809	58050	21336	15700	33002	81650		
Valentia	953	71612	66012	20045	756++	38003	87636		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_hE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Kew	775	00371	34	+	+
London Airport	772	97371	35	$ir_od_or_od_od_o$	+
Gatwick	776	92371	35	ir_o	id_o
Thorney Island	871	97361	32	r_os_o	+
Hurn	862	97361	33	ir_o	+
Guernsey	894	91401	37	pr_oir_o	$ir_or_or_oir_o$
Felixstowe	697	02382	35	$r_or_orrr_or_o$	ir_o
Gorleston	497	04372	37	$ir_or_or_opr_opr$	pr_oir_o
Mildenhall	578	02351	30	$d_or_or_or_od_od_o$	+
Cardington	559	01372	33	$d_or_or_or_o$	r_or_o
West Raynham	485	02371	32	r_or_o	ir_o
Wittering	462	02351	33	$rsirr_or_o$	r_or_o
Boscombe Down	746	97351	33	ir_o	+
Ross-on-Wye	627	00341	29	+	+
Bristol	628	00341	24	+	+
Aberporth	502	00273	18	+	+
Rhoose (Cardiff)	715	00293	21	+	+
Plymouth	827	00333	26	+	+
Chivenor	707	00283	20	+	+
St. Mawgan	817	00313	26	+	+
Culdrose	809	00293	23	+	+
Scilly	804	00401		+	+
Elmdon	534	91341	31	$fir_or_os_o$	$id_od_or_o$
Shawbury	414	00311	26	ffFF	FFff
Manchester	334	97323	25	ff	$ffid_o$
Squires Gate	318	00301	24	+	+
Valley	302	00273	22	+	+
Ronaldsway	204	00293	25	+	+
Silloth					
Watnall	354	91351	30	pr_o	$pr_or_or_of$
Spurn Head	396	02392		$ir_or_or_opr_o$	pr_o
Finningley	360	96341	30	ffir	r_or_o
Dishforth	261	92341	31	ir_o	$irr_or_or_os_o$
Tynemouth	262	03371	35	r_or_o	r_or_o
Eskdalemuir	162	00255	20	+	+
Mull of Galloway	131	00364			
Prestwick	135	00232	19	+	+
Renfrew	141	97253	24	FF	FF
Leuchars	171	00244	19	ff	+
Dyce	091	00214	16	+	+
Wick	075	00353	29	+	+
Cape Wrath	049	00371	30	+	+
Sule Skerry	010	00410	36		
Lerwick	005	96382	35	$prph_o$	pr_o
Stornoway	026	00401	37	+	+
Benbecula	022	00391	34	+	+
Tiree	100	00431	37	+	+
Aldergrove	917	00233	17	fFFf	f
Malin Head	980	97340	29		
Belmullet	976	97391	36		
Birr	965	97273	19		
Collinstown	969	97273	20		
Rineanna	962	97323	29		
Roches Point	952	97341	28		
Valentia	953	97391	35		

Code FM 21.A

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_s$app	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
A	50620	32900	72026	75158	94139	794++	51615	+++++	+++++	05527	12046
B	50565	51000	81121	58717	90834	8052+	00107	88525	+++++	05430	10735
C	50528	35500	92037	05614	04353	9+0++	00400	89+03	+++++	00752	12249
D	50440	41000	81832	63022	10663	3637+	00710	83708	88360	00460	11859
I	50593	18100	71725	98016	03549	754++	41813	87615	+++++	05147	11749
J	50527	20200	82720	95026	12751	864++	51213	88712	+++++	00151	149+9
K	50450	16000	81813	40516	20848	863++	23713	88708	+++++	05648	13554
M	53659	01800	82005	65612	15743	5742+	00615	85816	+++++	04439	100+0

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_s$app	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
A	50620	32906	81504	70686	90637	2742+	00726	+++++	+++++	05730	14933
B	50565	51006	80723	58717	91333	8052+	00205	88525	+++++	05530	10735
C	50528	35506	82518	65026	08047	854++	00300	88615	+++++	00045	12257
D	50440	41006	81845	61022	08763	855++	00812	88625	+++++	00459	11759
I	50591	18706	82125	97515	98351	874++	51814	88712	+++++	00151	12149
J	50526	20406	82822	94022	14653	864++	00112	88712	+++++	00251	12776
K	50450	13906	81111	40515	20948	873++	23305	88706	+++++	05748	100+0
M	53660	01806	62021	70036	13445	58440	00715	84815	+++++	05139	12835

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H.M.S.O. Press, M.O. Dunstable.

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 36184

Date of Issue Friday 16 December 1960

Code FM 11.A — OBSERVATIONS at 12h. 15 December 1960

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775	83508	48028	20941	763++	36213	87708	88711	
London Airport	772	83410	44216	21140	653++	37214	86708	88615	
Gatwick	776	73407	37045	20241	354++	37212	83710	87630	
Thorney Island	871	73603	61021	21241	784++	37318	82710	84815	
Hurn	862	73408	50052	21539	553++	36214	81708	85710	88630
Guernsey	894	70312	70026	20643	584++	36116	85815	86630	
Felixstowe	697	80306	50506	19740	555++	38212	85626	88630	
Gorleston	497	80910	62026	19841	854++	38212	88614		
Mildenhall	578	83407	48205	20340	653++	39209	82704	86707	88620
Cardington	559	83307	40026	21339	6562+	36312	82715	86630	88459
West Raynham	485	70805	66258	19841	5557+	39212	83625	85650	87358
Wittering	462	83410	19106	21538	463++	36313	84707	88630	
Boscombe Down	746	73507	28052	21738	552++	36213	85704	87630	
Ross-on-Wye	627	13002	17011	22638	15630	35105	81630		
Bristol	628	10503	23041	22739	10930	34209	81362		
Aberporth	502	70000	61021	23337	25732	33003	82656	87070	
Rhoose (Cardiff)	715	40405	40041	22940	35636	36106	83635		
Plymouth	827	70209	40041	22740	11502	35209	81825	87072	
Chivenor	707	50000	40011	22642	15502	36004	81825	85075	
St. Mawgan	817	60209	64021	23140	11636	34210	81830	84365	86280
Culdrose	809	70604	56051	22440	12432	35109	81818	83068	85272
Scilly	804	70706	63031	23045	61440	40215	86816		
Elmdon	534	43206	04046	22737	45500	35109	84625		
Shawbury	414	13403	12101	22937	10930	35003	81358		
Manchester	334	03602	04464	22735	00900	32805			
Squires Gate	318	10203	14044	23141	15740	36707	81656		
Valley	302	70000	09444	23236	15638	33205	81645	83364	87276
Ronaldsway	204	70304	61101	23239	35736	35001	83656	87270	
Silloth									
Watnall	354	73609	14046	22039	5563+	35807	85635	85360	
Spurn Head	396	70315	58038	21243	794++	39211	87918		
Finningley	360	73509	23106	22738	3563+	36108	81630	83640	87358
Dishforth	261	73506	28216	22937	3563+	36007	83635	86656	
Tynemouth	262	83409	16515	23239	865++	37104	88720		
Eskdalemuir	162	30000	62050	24634	30930	33801	83364		
Mull of Galloway	131	71410	78032	22740	1145+	35804	81818	87360	
Prestwick	135	71205	40041	23034	20936	29802	82360	87270	
Renfrew	141	90000	01497	23927	9+0++	27813	89+02		
Leuchars	171	12902	40040	23131	10932	28805	81362		
Dyce	091	30101	34048	23530	384++	28807	81815	83635	
Wick	075	21713	80030	21141	20930	30716	82358		
Cape Wrath	049	61813	83031	17549	6097+	38716	86360		
Sule Skerry	010	41809	85030	18644	25531	34710	82625		
Lerwick	005	71825	82021	20343	784++	38715	85818	86635	
Stornoway	026	81826	66032	17644	35577	39817	83620	86358	88270
Benbecula	022	81722	69032	17044	5562+	39815	81620	85645	88460
Tiree	100	81826	61021	19545	70977	38807	81358	87465	88270
Aldergrove	917	81606	09444	23332	25677	29001	82630	86459	88275
Malin Head	980	81917	74021	20841	50977	34005	85459	88270	
Belmullet	976	81613	62616	19142	3742+	40803	83716	88556	
Birr	965	81604	74021	22837	15677	32201	81640	84463	88273
Collinstown	969	82903	50101	23335	30977	28803	83362	88270	
Rineanna	962	81208	48101	22837	8097+	34206	88460		
Roches Point	952	73501	48051	23540	4577+	38207	84650	87462	
Valentia	953	81810	66026	21647	6557+	41005	83722	86636	88462

OBSERVATIONS at 18h. 15 December 1960

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775	80308	48036	22441	664++	37313	86710	88614	
London Airport	772	83607	28505	22140	463++	38210	82707	84708	88714
Gatwick	776	80402	28205	12940	863++	38210	88707		
Thorney Island	871	80000	28036	22540	454++	37214	84615	88640	
Hurn	862	63305	26102	22632	35501	31212	83625	86070	
Guernsey	894	60114	60031	22443	6843+	36214	85818		
Felixstowe	697	80501	48025	22039	855++	37213	88626		
Gorleston	497	70608	60022	22041	755++	36215	87618		
Mildenhall	578	80802	32106	22139	655++	39212	86628	88638	
Cardington	559	83602	37025	22840	863++	37313	88707		
West Raynham	485	81005	62032	22139	854++	36212	88618		
Wittering	462	80108	20515	22939	772++	37313	82703	88704	
Boscombe Down	746	33504	17101	23834	30930	33215	83358		
Ross-on-Wye	627	83602	17022	23738	864++	34109	88710		
Bristol	628	33405	20101	24036	35600	35309	83635		
Aberporth	502	30000	59021	24434	10932	32105	81360	83070	
Rhoose (Cardiff)	715	00105	32041	24233	00900	32309			
Plymouth	827	43302	20041	24137	00901	34209	84075		
Chivenor	707	31005	11101	24236	15601	35210	81635		
St. Mawgan	817	30704	59032	24636	00904	33209	83075		
Culdrose	809	20501	50100	24035	00901	32211	82075		
Scilly	804	40302	66011	24543	28404	38209	82816	83075	
Elmdon	534	63106	07044	23936	555++	34210	81715	85625	
Shawbury	414	53401	17101	24333	25702	32211	82650	84070	
Manchester	334	73103	07044	24034	00906	31210	87275		
Squires Gate	318	21202	11104	23832	10941	31306	81365		
Valley	302	50000	14114	24034	00901	31304	85075		
Ronaldsway	204	80000	62042	23436	30937	34400	83360	88275	
Silloth									
Watnall	354	70208	05041	23638	756++	35210	87640		
Spurn Head	396	71202	59026	22343	755++	39209	87620		
Finningley	360	83409	13104	23938	464++	37214	84713	88617	
Dishforth	261	63408	23102	23835	00906	34308	86270		
Tynemouth	262	72810	32025	23439	755++	36102	87625		
Eskdalemuir	162	30000	66021	24627	00904	27801	83070		
Mull of Galloway	131	71412	74022	22044	3547+	39808	83615	87360	
Prestwick	135	71406	48042	22437	30978	32506	83460	87270	
Renfrew	141	90000	04494	22830	9+0++	29705	89+02		
Leuchars	171	80000	19284	22328	00907	27606	88270		
Dyce	091	81905	56041	21134	40977	31607	84465	88270	
Wick	075	81721	66021	16741	1567+	32827	81640	84358	88460
Cape Wrath	049	81813	81602	12539	865++	39726	88720		
Sule Skerry	010	81713	82612	14344	864++	34720	88715		
Lerwick	005	71830	81032	15843	784++	33827	87818		
Stornoway	026	81834	58636	11844	854++	41836	82712	88615	
Benbecula	022	81728	48636	13342	3642+	42821	83712	86620	88530
Tiree	100	81832	58616	17043	4742+	41812	84714	88533	
Aldergrove	917	81813	48104	22238	3567+	33702	83640	88459	
Malin Head	980	81820	64616	18739	3567+	37712	83640	88459	
Belmullet	976	81922	48616	17145	873++	44503	85706	88709	
Birr	965	81607	48616	22037	3742+	34801	83710	88458	
Collinstown	969	70000	13102	23136	15578	31500	81625	86460	87270
Rineanna	962	81610	56606	21642	3742+	40000	83712	88556	
Roches Point	952	81903	50616	23944	3637+	41207	83709	88459	
Valentia	953	81910	62636	21746	864++	45305	88714		

OBSERVATIONS during DAY

Station	iii	RRT_xT_xE	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Kew	775	97411	000	$pr_0r_0r_0$	$r_0r_0ir_0$
London Airport	772	97411	000	id_0	$id_0d_0d_0$
Gatwick	776	97411	000	ir_0id_0	id_0dd
Thorney Island	871	97431	038	ir_0	+
Hurn	862	00413		+	+
Guernsey	894	97451	041	ir_0	+
Felixstowe	697	97401	000	ir_0id_0	id_0
Gorleston	497	97432	000	ir_0	+
Mildenhall	578	91401	000	$id_0d_0r_0$	+
Cardington	559	97411	000	id_0	id_0
West Raynham	485	91411	000	pr_0	+
Wittering	462	97401	011	+	$id_0d_0d_0$
Boscombe Down	746	00401	000	+	+
Ross-on-Wye	627	00401	007	+	+
Bristol	628	00401	011	+	+
Aberporth	502	00393	011	+	+
Rhoose (Cardiff)	715	00423	032	+	+
Plymouth	827	00411	033	+	f
Chivenor	707	00441	033	+	f
St. Mawgan	817	00401	038	+	+
Culdrose	809	00413	042	+	+
Scilly	804	00460	013	+	+
Elmdon	534	00401	001	+	+
Shawbury	414	00393	026	+	if
Manchester	334	00383	000	ff	ffFF
Squires Gate	318	00433	027	ff	ffFF
Valley	302	00391	014	f	+
Ronaldsway	204	00441	010	+	+
Silloth					
Watnall	354	97411	018	f	ir_0
Spurn Head	396	95441	002	pr_0ir_0	+
Finningley	360	97411	000	+	ifd_0d_0
Dishforth	261	97391	000	ir_0	+
Tynemouth	262	92401	000	d_0d_0	d_0d_0ff
Eskdalemuir	162	00375	025	+	+
Mull of Galloway	131	00451			
Prestwick	135	00373	004	+	+
Renfrew	141	97323	000	FFshff	ffFFff
Leuchars	171	00324	024	FF	FF
Dyce	091	97363	017	pr_0	+
Wick	075	91421	030	+	ir_0
Cape Wrath	049	03432		+	ir_0rr
Sule Skerry	010	04452			
Lerwick	005	97431	004	+	ir_0
Stornoway	026	03452	000	rr	$rrr_0r_0d_0r_0$
Benbecula	022	10451	000	r_0r_0rr	r_0r_0rr
Tiree	100	04451	000	$ir_0r_0r_0$	r_0r_0dd
Aldergrove	917	03383	000	f	ir_0
Malin Head	980	0142	000		
Belmullet	976	0847	000		
Birr	965	9238	000		
Collinstown	969	9739	000		
Rineanna	962	0242	000		
Roches Point	952	9245	002		
Valentia	953	0347	000		

Code FM 21.A — OCEAN WEATHER STATION REPORTS at 12h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_s$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
A	50620	33012	60513	70616	90239	6742+	00205	+++++	+++++	05736	10522
B	50565	51012	80528	63707	93735	854++	00210	86710	88625	05331	10535
C	50528	35512	82517	69608	11946	1742+	00319	81815	88460	05144	12257
D	50440	41012	81620	65028	12760	8091+	00210	88458	+++++	00257	16650
I	50589	19212	82435	96026	97651	364++	00305	83710	88718	00149	12439
J	50524	20312	82722	96022	17852	862++	00216	88703	+++++	00151	12754
K	50451	13812	70802	70022	23052	3847+	00109	82813	87360	05445	100+0
M	53660	01912	72028	70158	11846	59470	41706	82910	84820	05139	12046

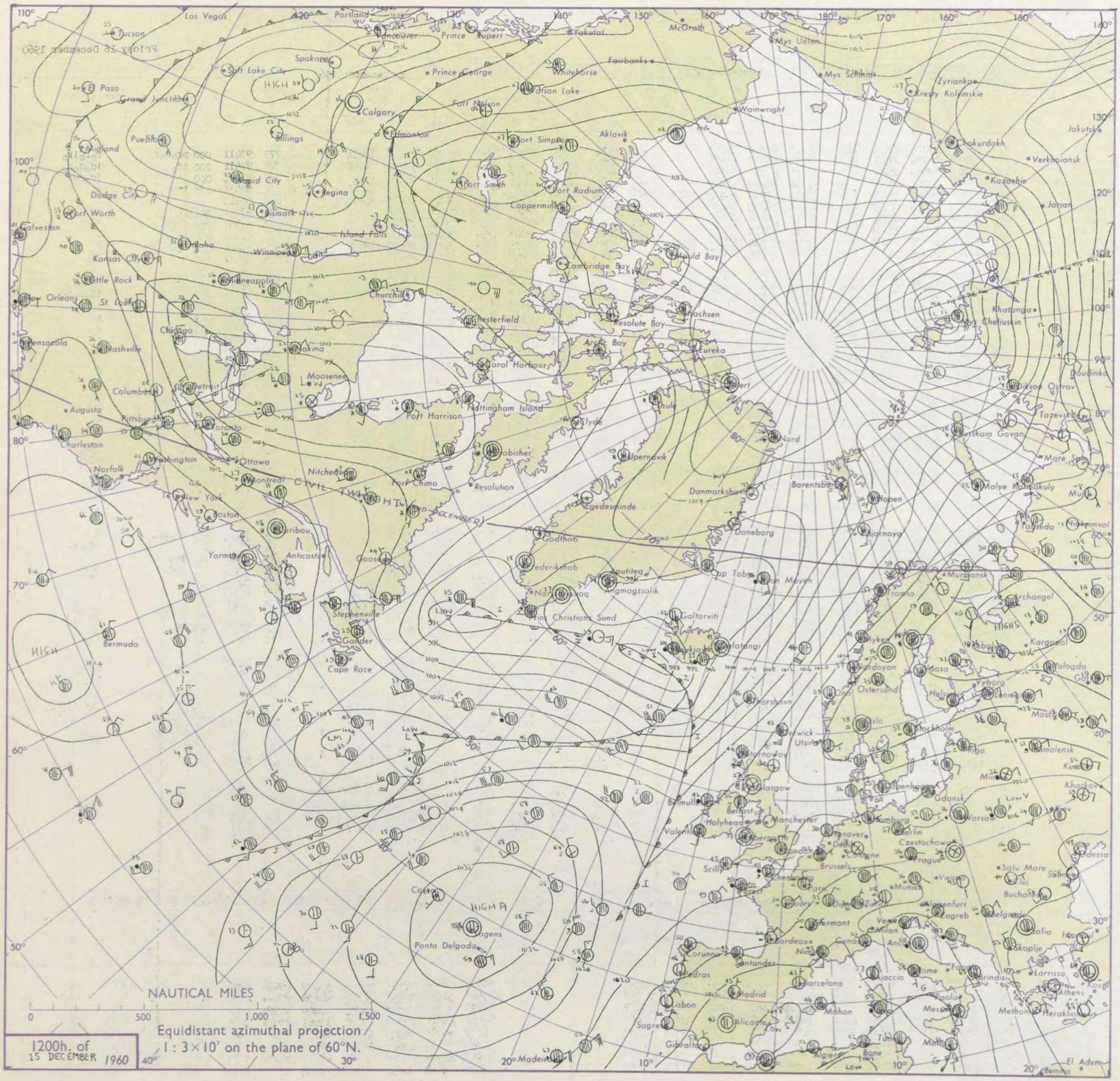
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_s$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
A	50620	33018	82515	75506	93439	6747+	00215	+++++	+++++	05537	12522
B	50565	51018	80228	64707	98836	874++	00231	88710	+++++	05333	10485
C	50528	35518	82010	69606	12246	8092+	00410	88460	+++++	05144	12255
D	50440	41018	81822	69026	13661	8087+	00202	82357	88462	00358	11859
I	50589	19018	72440	98022	02750	755++	00237	87625	+++++	00043	17430
J	50524	20118	82620	94515	18652	862++	00210	88705	+++++	00152	12548
K	50450	14418	80000	56016	24550	3557+	61212	83630	88460	05548	100+0
M	53659	01818	82033	65022	07746	884++	41828	84815	88620	05037	12039

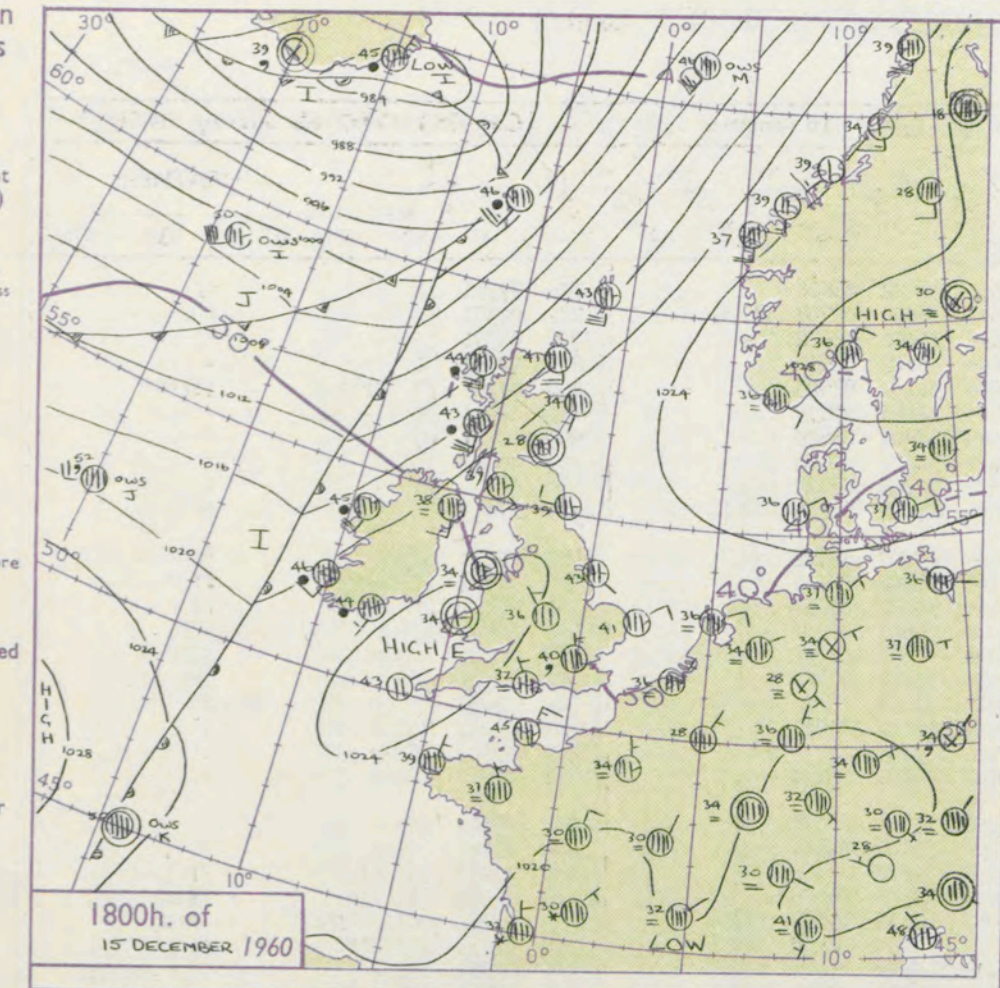
All times of observation printed in this publication are GREENWICH MEAN TIME.

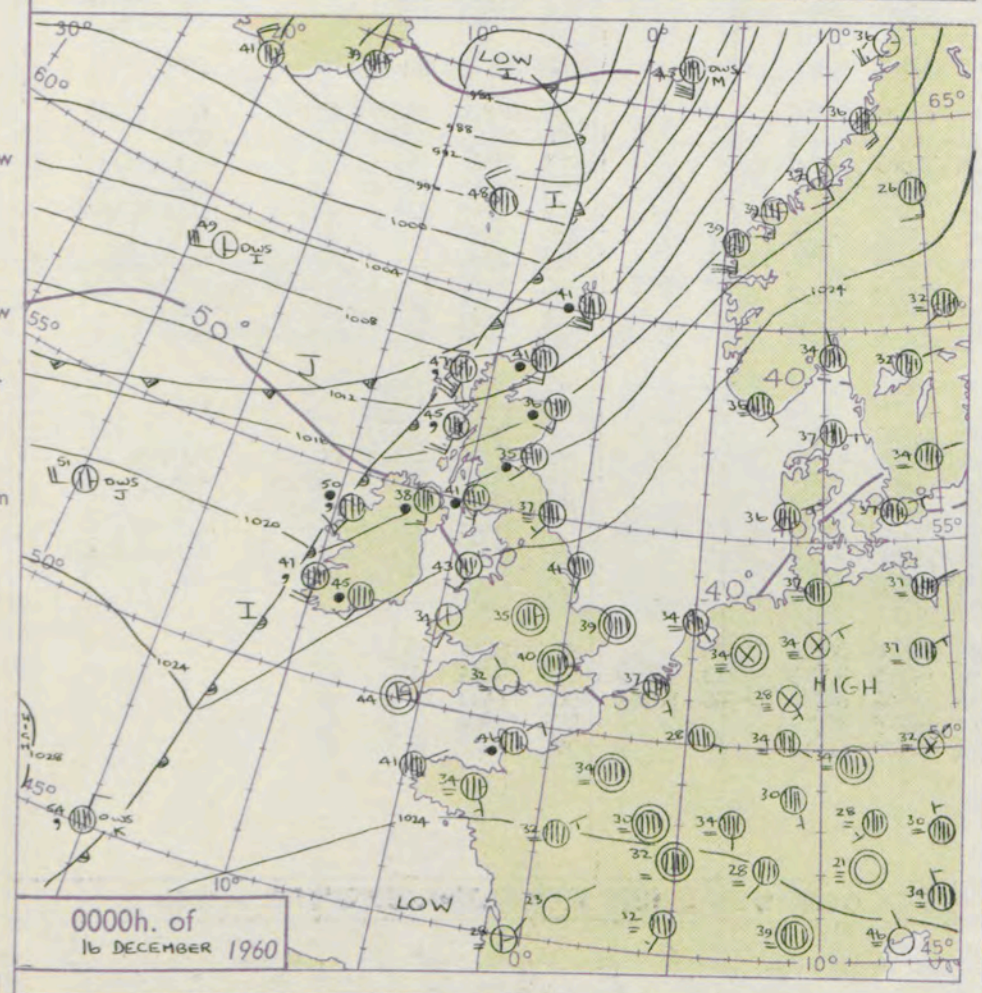
SIR GRAHAM SUTTON, C.B.E., D.Sc., F.R.S., Director General. Meteorological Office, Air Ministry, Kingsway, London, W.C.2

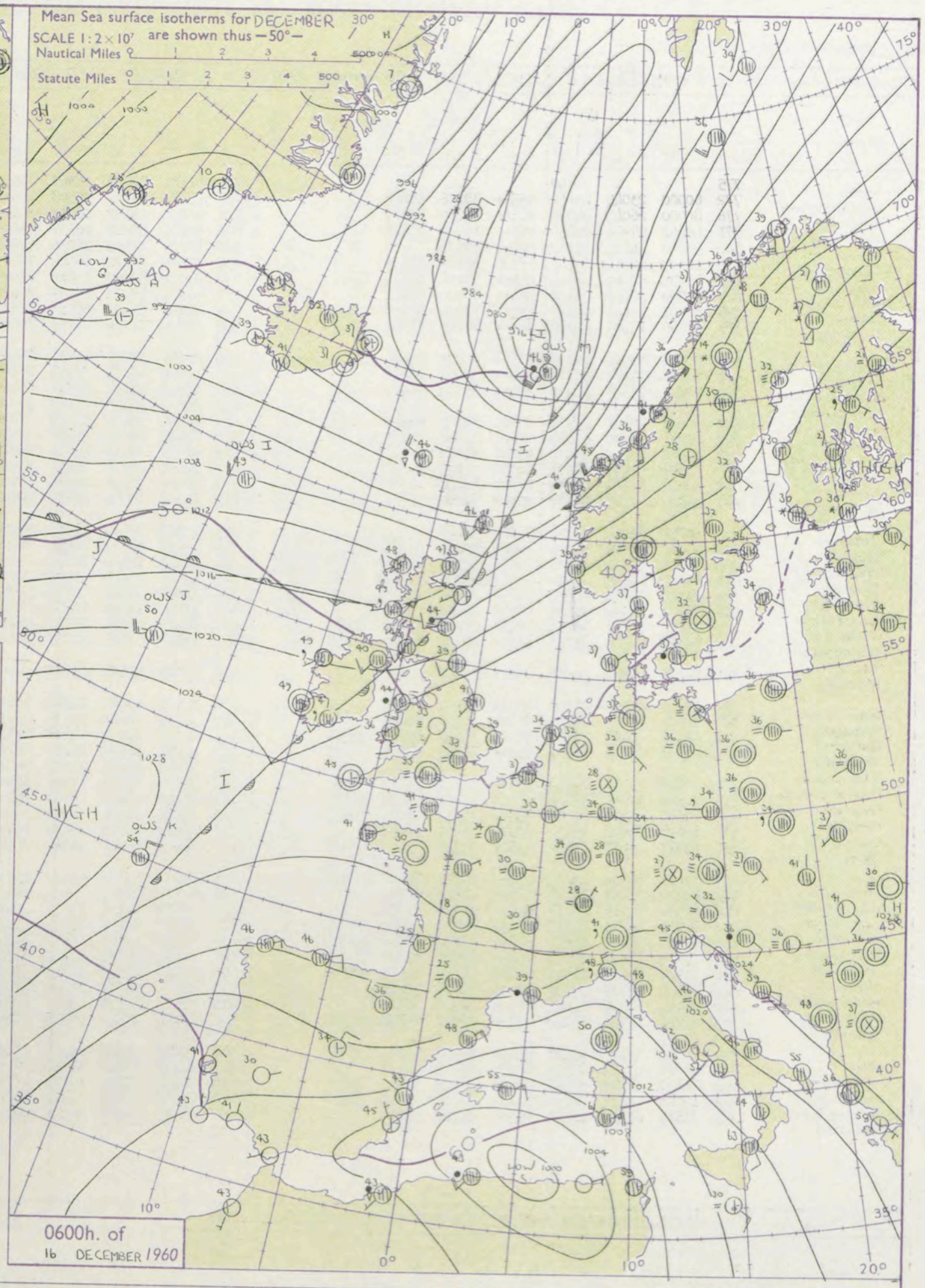
CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WEST EUROPE







GENERAL SYNOPTIC DEVELOPMENT

The ridge across the British Isles linking the Scandinavian anticyclone to that near the Azores has remained over southern districts. A depression moved south of Iceland and turned left into the Norwegian Sea with some deepening, bringing the associated frontal system across Scotland. A wave in mid-Atlantic is moving eastnortheast and will check the southward progress of the cold front over the British Isles and leave warm air over all districts except the southwestern half of England.

Issued at midday Friday 16 December 1960

FORECAST

for Great Britain and Northern Ireland until noon tomorrow

Mainly cloudy with extensive hill fog in the north and west and also some slight rain or drizzle. Temperatures near or a little above average. Some bright intervals in central southern England this afternoon, with a few fog patches tonight and perhaps some slight frost locally. Mainly cloudy in southeast England with temperatures a little below average.

OUTLOOK

for following 24 hours. Cloudy and rather mild in most districts with some slight rain or drizzle and hill fog. Cloudy and rather cold in southeast England. Cooler brighter weather spreading into Scotland later.

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE *(contd.)*

Code FM 11.A

OBSERVATIONS at 00h. 16 December 1960

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775			40					
London Airport	772	80000	23045	25040	855++	38106	88628		
Gatwick	776	80000	26042	24939	855++	37208	88627		
Thorney Island	871	80202	28216	25040	855++	38206	88628		
Hurn	962	03202	14111	25232	00900	30204			
Guernsey	894	30108	60012	25143	35600	38108	83635		
Felixstowe	697	83501	50025	24940	855++	37208	88624		
Gorleston	497	80000	48022	25139	854++	36210	88612		
Mildenhall	578	80502	32102	24539	856++	37204	88631		
Cardington	559	80000	14205	25339	862++	38105	86703		
West Raynham	485	80000	59022	24638	855++	35001	88624		
Wittering	462	80000	13105	25338	854++	38205	88615		
Boscombe Down	746	83201	19107	25936	864++	35304	88712		
Ross-on-Wye									
Bristol	628	30000	28101	25637	35600	34103	83635		
Aberporth	502	21911	59020	25134	00901	31802	82075		
Rhoose (Cardiff)	715	00403	32040	26230	00900	28110			
Plymouth	827	00302	07464	26331	00900	31112			
Chivenor	707	00906	11104	25930	00900	30006			
St. Mawgan	817	01607	59020	26232	00900	31006			
Culdrose	809	00000	60010	26233	00900	30107			
Scilly	804	30000	66020	26344	38400	39206	83816		
Elmdon	534	70000	03044	25935	756++	34110	87630		
Shawbury	414	40000	14105	25230	00902	30000	84072		
Manchester	334	01805	04424	25030	00900	27002			
Squires Gate	318	01605	08424	25130	00900	29206			
Valley	302	82012	58021	24243	30937	39802	83360	88275	
Ronaldsway	204	82119	66606	23145	4552+	38708	84623	88458	
Silloth									
Watnall	354	80000	07426	25038	856++	37005	88630		
Spurn Head	396	82103	57032	24541	864++	39207	88715		
Finningley	360	80000	08465	25239	863++	37107	88709		
Dishforth	261	42401	20101	24432	25502	31203	82628	84075	
Tynemouth	262	82306	08444	23237	855++	34603	88625		
Eskdalemuir									
Mull of Galloway	131	81820	74616	20644	874++	39812	88715		
Prestwick	135	81907	58616	21141	6562+	38608	86635	88557	
Renfrew	141	80000	04426	21236	856++	35507	82625	88637	
Leuchars	171	82406	32602	20535	8092+	33506	88458		
Dyce	091	81917	48617	18136	3562+	35718	83630	88547	
Wick	075	81820	66636	12341	554++	39718	85613	88639	
Cape Wrath	049	82330	66026	06043	864++	43720	88715		
Sule Skerry	010	82330	81026	08147	864++	43720	88715		
Lerwick	005	81839	66636	07841	5742+	40737	85610	88535	
Stornoway	026	81936	58516	09447	373++	45607	83709	88617	
Benbecula	022	81924	17586	10847	860++	47610	88701		
Tiree	100	81927	56516	14445	462++	45809	84704	88710	
Aldergrove	917	81816	58616	20838	855++	37709	88621		
Malin Head	980	82022	66606	16741	874++	39504	88710		
Belmullet	976	82016	48586	18050	863++	49306	84706	88715	
Birr	965	81710	32506	22039	4742+	39502	84710	88540	
Collinstown	969	81504	13614	22539	8097+	34704	88458		
Rineanna	962	81610	56586	21644	874++	43705	82710	88719	
Roches Point	952	82011	62616	23945	854++	43706	83712	88627	
Valentia	953	81819	48555	21947	863++	46804	88708		

OBSERVATIONS at 06h. 16 December 1960

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775	80104	84022	26340	855++	38202	88620		
London Airport	772	83102	13102	25938	856++	38803	82708	88631	
Gatwick	776	80000	15102	26237	856++	36000	88632		
Thorney Island	871	83501	28022	26339	856++	38002	88636		
Hurn	862	80000	08414	26235	856++	34202	88625		
Guernsey	894	80305	60022	26044	756++	38103	87635		
Felixstowe	697	80301	56022	25840	855++	37804	88625		
Gorleston	497	82901	58022	25639	854++	36507	88614		
Mildenhall	578	81704	23102	25638	855++	36705	88622		
Cardington	559	80000	11284	26138	855++	37806	82704	88628	
West Raynham	485	82106	58022	25537	855++	35707	88622		
Wittering	462	80000	06464	25638	861++	37704	88702		
Boscombe Down	746	80000	11102	26736	854++	35202	88617		
Ross-on-Wye	627	90000	F6454	26029	9+0++	27803			
Bristol	628	90000	03434	26429	9+0++	26604	89+01		
Aberporth	502	81811	57031	25036	8097+	34806	88460		
Rhoose (Cardiff)	715	01003	28100	26731	00900	31001			
Plymouth	827	20101	28101	26831	00902	29001	82075		
Chivenor	707	00906	23020	26331	00900	29703			
St. Mawgan	817	41608	58011	26932	00908	32400	84275		
Culdrose	809	10000	58011	26734	00901	33201	81072		
Scilly	804	30000	69011	26245	38400	39000	83816		
Elmdon	534	02105	05424	26333	00900	32802			
Shawbury	414	40000	15284	25429	00901	29505	84070		
Manchester	334	81810	17044	24734	50937	29606	85362	88270	
Squires Gate	318	81511	21044	23634	60917	32709	86460	88270	
Valley	302	81817	58616	23044	5642+	42608	85712	88522	
Ronaldsway	204	82322	50586	21846	354++	43512	83712	88618	
Silloth									
Watnall	354	02603	02464	25632	00900	31804			
Spurn Head	396	82305	48022	24541	864++	39805	88715		
Finningley	360	40000	08424	24935	00902	35605	84075		
Dishforth	261	81606	17051	24033	8092+	31505	88268		
Tynemouth	262	82312	58024	21739	856++	34714	88636		
Eskdalemuir	162	92008	05516	21937	9+0++	37603			
Mull of Galloway	131	82322	66035	19145	874++	45711	88715		
Prestwick	135	82010	60216	18943	463++	41705	84706	88710	
Renfrew	141	82014	56586	18043	363++	42714	83706	85708	88615
Leuchars	171	82608	62026	17639	574++	37612	85710	88718	
Dyce	091	52407	66016	15640	25731	37302	82656	83360	85075
Wick	075	81912	80026	12147	455++	42305	84631	88626	
Cape Wrath	049	82724	74026	09647	864++	47222	88715		
Sule Skerry	010	82530	74026	08849	864++	45211	88710		
Lerwick	005	82327	69216	06646	474++	46301	84711	88637	
Stornoway	026	82412	66025	12848	855++	45217	88625		
Benbecula	022	82512	66025	13749	855++	46113	88625		
Tiree	100	82607	28505	15549	662++	49210	82701	86703	88712
Aldergrove	917	82013	48216	19740	862++	40707	82702	88705	
Malin Head	980	82211	66206	17145	863++	44303	88707		
Belmullet	976	82307	32516	19249	862++	49107	88704		
Birr	965	81706	56515	21143	6742+	43706	86711	88458	
Collinstown	969	82107	58516	21543	863++	41510	82709	85712	88622
Rineanna	962	81705	56506	21545	872++	45704	82704	85706	88708
Roches Point	952	82210	40516	23447	860++	46705	88701		
Valentia	953	80000	64206	22349	864++	49500	88712		

OBSERVATIONS during NIGHT

Station	iii	$R_RT_nT_nE$	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Kew	775	97391	33	+	ff
London Airport	772	00371	30	+	f
Gatwick	776	00371	36	+	ff
Thorney Island	871	97391	36	ir_o	+
Hurn	862	97291	21	if	ifffFF
Guernsey	894	00421	38	+	+
Felixstowe	697	00391	37	+	+
Gorleston	497	00361	35	+	+
Mildenhall	578	003[illegible]	37	+	+
Cardington	559	97371	33	id_oif	ff
West Raynham	485	00371	35	+	+
Wittering	462	97371	37	d_od_o	ff
Boscombe Down	746	97351	31	r_os_o	ff
Ross-on-Wye	627	00273	23	f	FFF
Bristol	628	00261	21	+	ifFF
Aberporth	502	91321	30	+	ir_o
Rhoose (Cardiff)	715	00293	22	+	fF
Plymouth	827	00283	23	+	+
Chivenor	707	00303	26	+	+
St. Mawgan	817	00303	22	+	+
Culdrose	809	00323	20	+	+
Scilly	804	00420		+	+
Elmdon	534	00291	23	ff	ff
Shawbury	414	97263	19	iff	$ffir_of$
Manchester	334	97261	26	FFffFFff	$ffis_o$
Squires Gate	318	92271	25	FFff	ffr_or_o
Valley	302	02321	28	ir_o	$ir_or_or_od_od_o$
Ronaldsway	204	01441	40	r_or_o	$r_od_od_od_o$
Silloth					
Watnall	354	97321	26	r_or_off	ffFF
Spurn Head	396	00370		+	ff
Finningley	360	97341	30	d_od_o	ffff
Dishforth	261	97301	26	+	$ffir_off$
Tynemouth	262	91361	32	ff	r_or_o
Eskdalemuir	162	02265	21	+	$ir_od_od_offFF$
Mull of Galloway	131	03422			
Prestwick	135	02351	34	$ir_or_or_od_or_o$	$ir_od_or_od_or_o$
Renfrew	141	02321	31	$ffir_ofrrffir_o$	$id_od_or_od_od_o$
Leuchars	171	01315	30	r_or_o	r_or_o
Dyce	091	03343	33	$ir_or_os_or_or_orr$	d_od_o
Wick	075	05411	38	rrRR	+
Cape Wrath	049	03391	36	ir	irf
Sule Skerry	010	03411	36		
Lerwick	005	06362	35	$ir_orrr_or_o$	$r_or_oir_o$
Stornoway	026	01442	42	$d_or_oddd_od_o$	d_od_o
Benbecula	022	03441	42	drd_or_o	ir_o
Tiree	100	06441	43	$dddrd_od_o$	d_od_oid
Aldergrove	917	05372	38	$ir_or_or_o$	$r_or_oid_od_od_of$
Malin Head	980	10401	38		
Belmullet	976	05461	44		
Birr	965	03381	35		
Collinstown	969	01361	27		
Rineanna	962	04411	40		
Roches Point	952	02451	41		
Valentia	953	09451	43		

Code FM 21.A

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_s$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
A	60622	32700	42434	75258	94939	49400	00203	+++++	+++++	05634	12435
B	60565	51000	85405	65032	06634	825++	00236	88820	+++++	05429	10234
C	60528	35500	82312	67616	13545	80928	00305	88458	+++++	05243	12244
D	60440	41000	82712	65028	17160	8097+	00220	88363	+++++	00257	12046
I	60588	18800	32632	98011	06049	356++	00231	83625	+++++	05140	17631
J	60525	20000	52518	94015	20651	56100	00205	85702	+++++	00050	12554
K	60451	15000	83612	56516	25054	861++	00803	88703	+++++	05154	100+0
M	63660	01800	81841	65022	96345	884++	41768	85815	88625	00328	16843

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_s$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
A	60622	32606	32437	80021	96939	38500	00104	+++++	+++++	05628	12438
B	60565	51006	82716	61851	10634	6254+	00215	86820	+++++	05429	13534
C	60528	35506	83413	63616	13342	8052+	00305	88525	+++++	05440	1++++
D	60440	41006	33416	65022	23353	35600	00229	83635	+++++	05545	13146
I	60590	18506	72618	98031	08849	755++	00212	87628	+++++	05138	12736
J	60525	19906	62423	96015	20150	663++	00709	86708	+++++	00050	12548
K	60451	15706	83618	56025	25654	864++	62802	88703	+++++	05254	13655
M	63658	01806	82138	60606	77446	6742+	41689	86710	+++++	05043	16847

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H.M.S.O. Press, M.O. Dunstable.

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 36185

Date of Issue Saturday 17 December 1960

Code FM 11.A — OBSERVATIONS at 12h. 16 December 1960

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$
Kew	775	72303	11284	28143	75600	39801	87645		
London Airport	772	72104	11102	28340	756++	39001	87630		
Gatwick	776	80000	10284	28439	5552+	38103	85628	88458	
Thorney Island	871	80101	32022	28241	855++	38000	81815	88625	
Hurn	862	60602	F7424	28334	10936	33004	81368	86278	
Guernsey	894	81609	56216	28442	764++	37106	82708	87712	
Felixstowe	697	83001	19102	27741	855++	39802	88622		
Gorleston	497	82102	32402	27341	854++	37802	88618		
Mildenhall	578	72306	40012	27441	756++	36801	87635		
Cardington	559	72405	50012	28041	756++	37001	87640		
West Raynham	485	82309	28022	26939	554++	36301	85617	88625	
Wittering	462	82207	12104	26839	36307	37803	83706	88270	
Boscombe Down	746	71501	06424	28439	00901	37206	87073		
Ross-on-Wye	627	82603	24024	27440	70978	35802	86460		
Bristol	628	70000	03424	28137	7093+	31000	87359		
Aberporth	502	81811	48216	25840	4572+	40802	84650	88458	
Rhoose (Cardiff)	715	71803	48044	27742	7093+	37803	87358		
Plymouth	827	70000	07464	28336	7097+	30801	87362		
Chivenor	707	70904	28031	27839	48531	34703	81825	83640	86360
St. Mawgan	817	71507	70021	28142	40978	37703	84368	87275	
Culdrose	809	70000	56102	27943	60972	40004	86364		
Scilly	804	72003	61021	27846	4542+	43006	84616	87458	
Elmdon	534	72111	20054	27140	7093+	34803	87364		
Shawbury	414	81701	28216	25937	1567+	35801	81630	85359	88462
Manchester	334	81912	20217	25538	2562+	33104	83640	88459	
Squires Gate	318	81512	09586	24338	654++	36801	86711	88625	
Valley	302	82014	21516	23947	371++	46802	83702	86703	88705
Ronaldsway	204	82315	64615	22648	362++	47104	83704	88707	
Silloth									
Watnall	354	72407	11042	26139	30938	35804	83363	87275	
Spurn Head	396	62113	16024	25841	45530	39400	84620		
Finningley	360	82107	13606	25640	60912	36705	86459	88075	
Dishforth	261	81810	14286	23838	3747+	36806	83710	87716	88358
Tynemouth	262	81911	08446	21941	863++	40001	88708		
Eskdalemuir	162	91904	01516	22141	9+0++	41000			
Mull of Galloway	131	82318	78026	11347	855++	43206	88620		
Prestwick	135	82107	19506	20945	562++	45208	82704	85705	88707
Renfrew	141	82111	17516	19845	562++	45205	85703	88706	
Leuchars	171	82611	23216	18443	673++	42209	86706	88708	
Dyce	091	80000	56042	17540	8097+	39106	88460		
Wick	075	72307	74031	15846	5553+	41112	85625	86360	
Cape Wrath	049	82709	97402	13348	885++	44211	88825		
Sule Skerry	010	82613	74028	13550	864++	46221	88710		
Lerwick	005	32723	56056	10547	25631	41327	82635		
Stornoway	026	62105	69032	16246	656++	44315	86640		
Benbecula	022	72008	66012	16347	554++	47302	85618	87624	
Tiree	100	82211	61035	17650	6557+	50006	81710	86522	88359
Aldergrove	917	92112	03515	22043	9+0++	43306	89+00		
Malin Head	980	82311	59285	19448	862++	48004	84704	88707	
Belmullet	976	82313	18106	20750	862++	50000	88703		
Birr	965	81802	32505	22647	873++	47002	88707		
Collinstown	969	72411	59105	22448	7733+	44201	82707	84709	87718
Rineanna	962	92309	12515	23250	9+0++	50204	89+02		
Roches Point	952	92309	07515	24148	9+0++	48801	89+00		
Valentia	953	91802	04465	24151	9+0++	51105	89+05		

OBSERVATIONS at 18h. 16 December 1960

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$
Kew	775	02102	14051	27337	00900	35803			
London Airport	772	41905	11042	27437	00902	34704	83075		
Gatwick	776	60000	03464	27538	656++	37603	82616	86630	
Thorney Island	871	70000	17102	27540	756++	38703	87632		
Hurn	862	00000	02414	27532	00900	31400			
Guernsey	894	81605	56052	28042	5562+	37201	85638	88458	
Felixstowe	697	02709	32021	27541	00900	37602			
Gorleston	497	22106	28011	26939	20970	38808	82360		
Mildenhall	578	21807	28011	26439	20930	35705	82360		
Cardington	559	42108	50012	26939	00908	35802	84270		
West Raynham	485	82009	48012	26337	50932	35705	85360	88075	
Wittering	462	82310	19102	25839	855++	36704	88622		
Boscombe Down	746	71905	28054	27837	60932	34301	86364	85073	
Ross-on-Wye	627	82406	24022	26042	856++	36702	88640		
Bristol	628	82103	12044	26940	856++	34802	88635		
Aberporth	502	81912	58506	25243	574++	42302	82706	85710	88625
Rhoose (Cardiff)	715	80000	56042	26743	655++	39801	86626	88657	
Plymouth	827	20000	13284	27638	20930	35001	82360		
Chivenor	707	81106	28216	27241	1557+	38201	81620	88458	
St. Mawgan	817	81706	56616	27442	555++	40001	85720	88643	
Culdrose	809	70000	60216	27142	4567+	39601	84642	86360	
Scilly	804	82103	63026	27147	8092+	40301	88458		
Elmdon	534	82410	28046	26140	855++	35801	88624		
Shawbury	414	81703	23216	24740	864++	38703	88710		
Manchester	334	81911	26106	24040	5647+	37706	85715	88358	
Squires Gate	318	81411	14106	23240	754++	38504	87715	88620	
Valley	302	82215	11505	22949	861++	49602	88702		
Ronaldsway	204	82513	56206	21849	861++	48001	88702		
Silloth									
Watnall	354	82408	09616	25039	2742+	36803	82712	88550	
Spurn Head	396	82310	20102	24442	4641+	37400	84715	88458	
Finningley	360	82208	19216	24340	4567+	37503	84635	88460	
Dishforth	261	81609	11056	22640	864++	38605	88715		
Tynemouth	262	81906	08616	21244	863++	42501	88708		
Eskdalemuir	162	91703	01435	21643	9+0++	43603	89+++		
Mull of Galloway	131	82310	80022	20647	864++	47102	88718		
Prestwick	135	82008	27205	20046	464++	45400	84703	88705	
Renfrew	141	82008	23505	19546	562++	46305	85704	86707	87709
Leuchars	171	82709	14284	18144	563++	44101	85707	88620	
Dyce	091	70000	23042	17935	30936	35104	83360	87270	
Wick	075	61608	74022	16145	15632	40708	81630	86075	
Cape Wrath	049	82313	81026	12747	865++	47400	88725		
Sule Skerry	010	82309	81028	13249	5647+	42703	85715	88460	
Lerwick	005	82209	66031	12846	855++	41111	88621		
Stornoway	026	81912	66032	13649	856++	46719	88630		
Benbecula	022	81815	19515	13948	861++	48819	88702		
Tiree	100	82213	40505	16850	563++	50606	81703	85708	88621
Aldergrove	917	82011	18204	20745	661++	45701	82701	86702	88704
Malin Head	980	82416	64506	18950	863++	49000	86709	88713	
Belmullet	976	82111	24505	20548	861++	48201	88702		
Birr	965	82203	07465	22448	860++	48400	88701		
Collinstown	969	82607	59515	21948	862++	47604	83703	86705	88618
Rineanna	962	82303	05466	23146	861++	48300	88702		
Roches Point	952	93002	04435	23848	9+0++	48500	89+00		
Valentia	953	81801	16205	24350	863++	50103	88706		

OBSERVATIONS during DAY

Station	iii	RRT$_x$T$_x$E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Kew	775	97431	000	ff	ffFF
London Airport	772	00++1	000	+	+
Gatwick	776	00401	000	ff	ffFF
Thorney Island	871	00421	000	+	+
Hurn	862	00403		FF	ffffFF
Guernsey	894	97441	000	ir_o	+
Felixstowe	697	00421	000	+	+
Gorleston	497	00431	000	+	+
Mildenhall	578	00431	015	+	+
Cardington	559	00431	022	+	+
West Raynham	485	00411	011	+	+
Wittering	462	97411	004	f	ir_o
Boscombe Down	746	00431	023	ff	+
Ross-on-Wye	627	97431	001	f	id_o
Bristol	628	00421	000	FF	+
Aberporth	502	01441	000	ird_or_o	d_or_odd
Rhoose (Cardiff)	715	97431	003	+	d_od_o
Plymouth	827	00431	013	f	f
Chivenor	707	97421	004	+	ir_o
St. Mawgan	817	94441	003	+	$ir_or_or_o$
Culdrose	809	97450	004	+	ir_o
Scilly	804	97481	000	ir_o	+
Elmdon	534	97411	000	ff	ir_oid_o
Shawbury	414	93431	000	$r_ofr_or_o$	ir_o
Manchester	334	91411	000	$r_or_oir_o$	ir_oid_o
Squires Gate	318	93411	000	$d_or_odrd_od_of$	$d_od_oid_of$
Valley	302	05491	000	$ddid_o$	did_o
Ronaldsway	204	96491	000	$d_od_oddr_or_oid_o$	id_o
Silloth					
Watnall	354	97411	000	FFff	r_or_o
Spurn Head	396	97431	038	f	ir_o
Finningley	360	97411	000	ir_o	id_oir_o
Dishforth	261	95421	000	$r_or_od_od_of$	ir_oid_of
Tynemouth	262	01461	000	ffr_or_o	ffr_or_o
Eskdalemuir	162	02443	004	$d_od_oFFd_cr_off$	ffFFF
Mull of Galloway	131	94492			
Prestwick	135	91481	000	id_o	id_o
Renfrew	141	91481	000	$id_od_od_o$	$fid_od_od_o$
Leuchars	171	97451	000	ir_of	ff
Dyce	091	00441	000	+	+
Wick	075	00471	000	+	+
Cape Wrath	049	93481		+	ir_o
Sule Skerry	010	93481			
Lerwick	005	97482	014	+	ir_od
Stornoway	026	97502	000	+	id_o
Benbecula	022	93491	000	+	$id_od_od_o$
Tiree	100	96511	000	+	$id_od_od_o$
Aldergrove	917	92462	000	d_od_off	$id_offFFff$
Malin Head	980	9350	000		
Belmullet	976	9551	000		
Birr	965	9149	000		
Collinstown	969	9149	000		
Rineanna	962	9150	000		
Roches Point	952	9550	000		
Valentia	953	0152	000		

Code FM 21.A — OCEAN WEATHER STATION REPORTS at 12h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_s$app	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
A	60621	32912	82335	75158	95939	894++	52710	+++++	+++++	05628	22347
B	60565	51012	82721	69028	14533	845++	00222	88620	+++++	05531	12834
C	60528	35512	62918	69011	19142	51440	00229	85815	83358	05433	12733
D	60440	41012	63218	72021	29051	55670	00229	85635	+++++	05739	13146
I	60590	18412	82215	98215	09048	355++	00809	83620	88630	05241	12235
J	60526	19812	82424	96022	19552	863++	00705	88707	+++++	00151	12457
K	60449	16212	83617	56505	29154	862++	00002	88706	+++++	05154	13633
M	63658	01312	82838	65606	85939	6742+	61265	86817	+++++	05537	17745

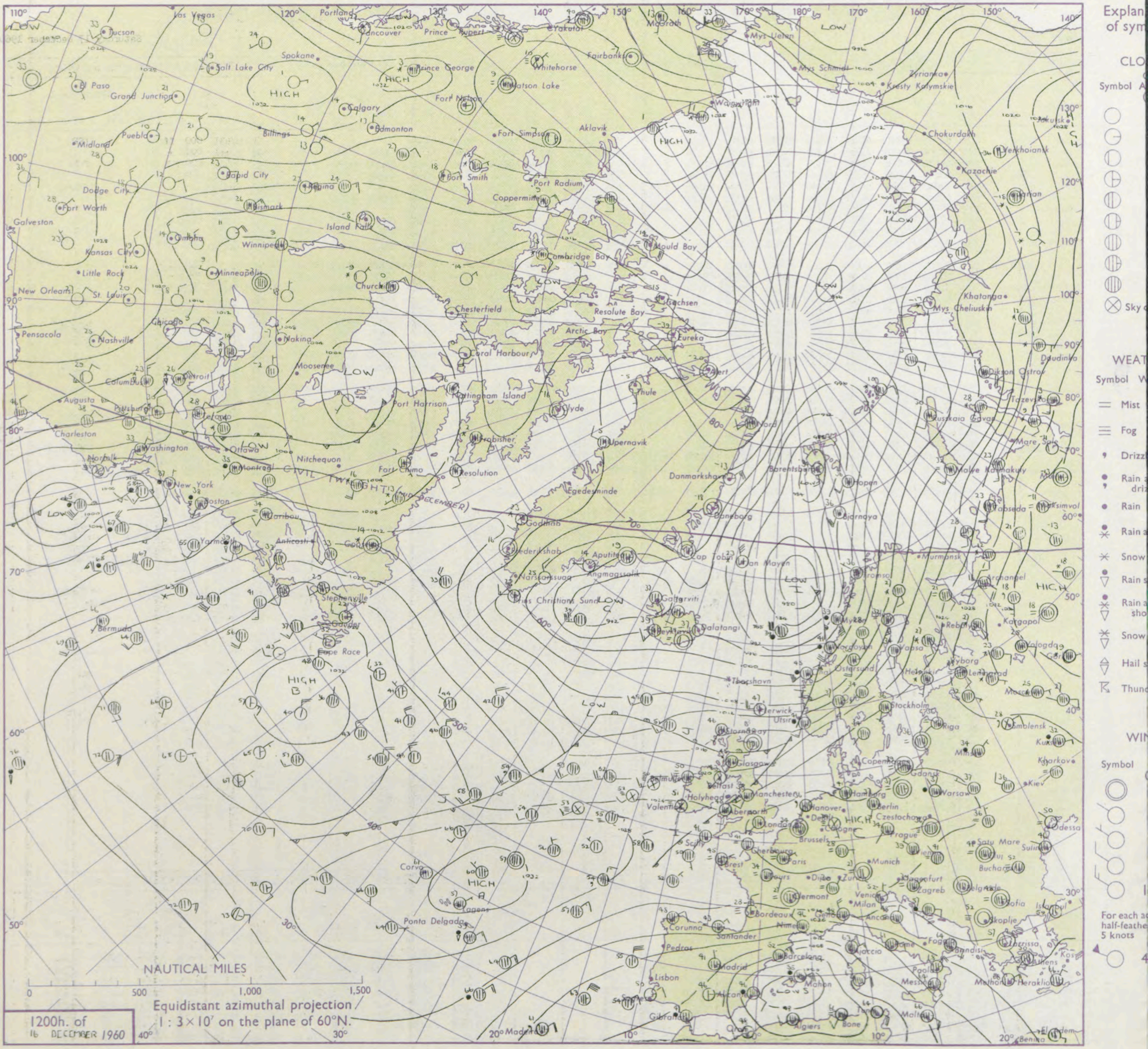
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_s$app	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
A	60622	32718	72723	80038	96937	784++	00310	+++++	+++++	05727	12736
B	60565	51018	82719	69858	17734	845++	00217	88620	+++++	05429	12524
C	60528	35518	62925	69152	22841	62500	00320	86820	+++++	05533	12735
D	60440	41018	62916	69152	31049	62500	00314	86830	+++++	00539	13046
I	60591	18118	72525	98216	05147	364++	00714	83712	87622	05335	12435
J	60527	19618	82423	94515	17951	862++	00602	88704	+++++	00051	12347
K	60448	16018	80212	60505	26354	763++	00303	87706	+++++	05254	10122
M	63658	01818	32935	65018	97139	39400	21142	83915	+++++	05732	17946

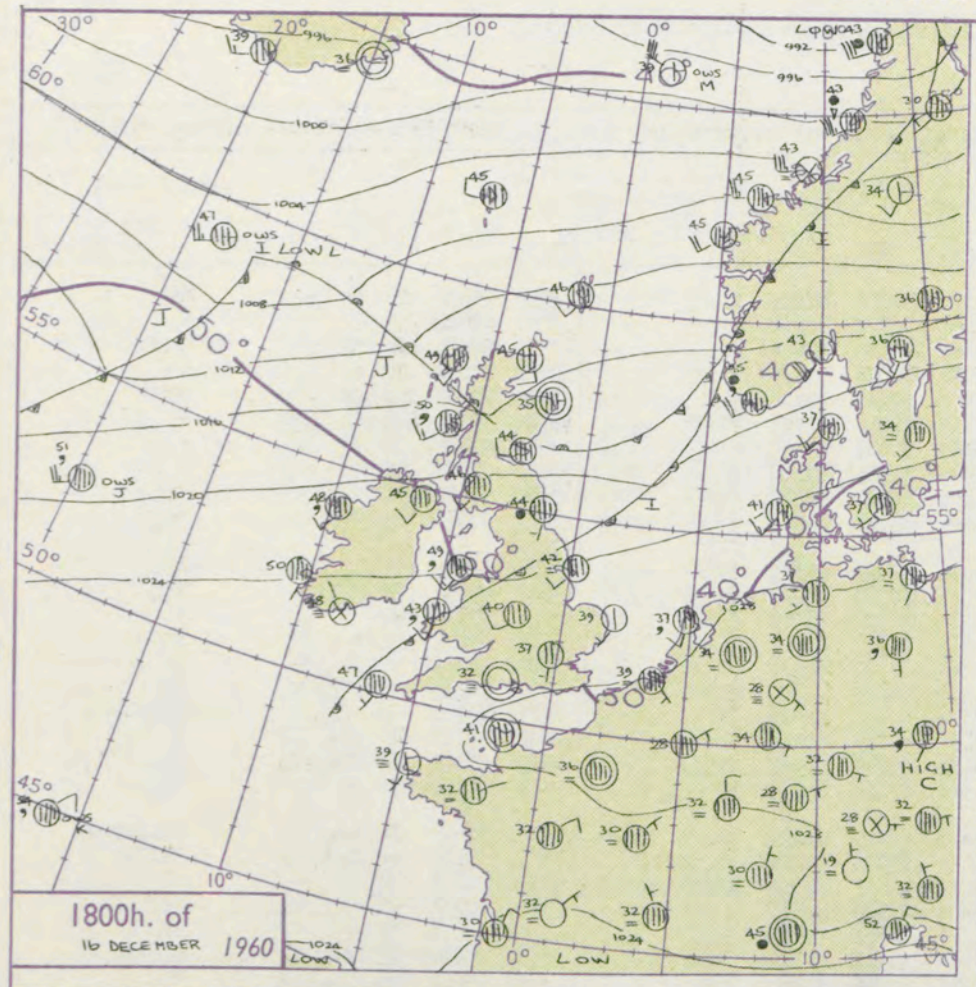
All times of observation printed in this publication are GREENWICH MEAN TIME.

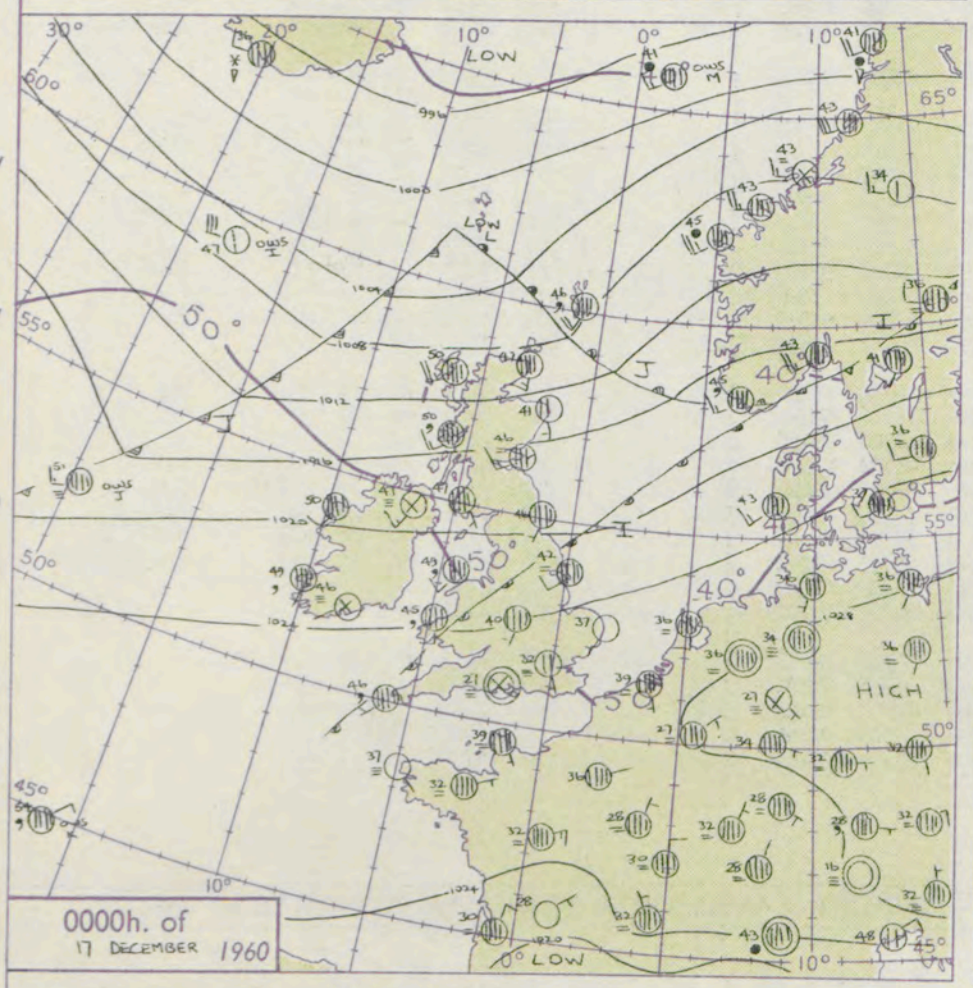
SIR GRAHAM SUTTON, C.B.E., D.Sc., F.R.S., Director General. Meteorological Office, Air Ministry, Kingsway, London, W.C.2

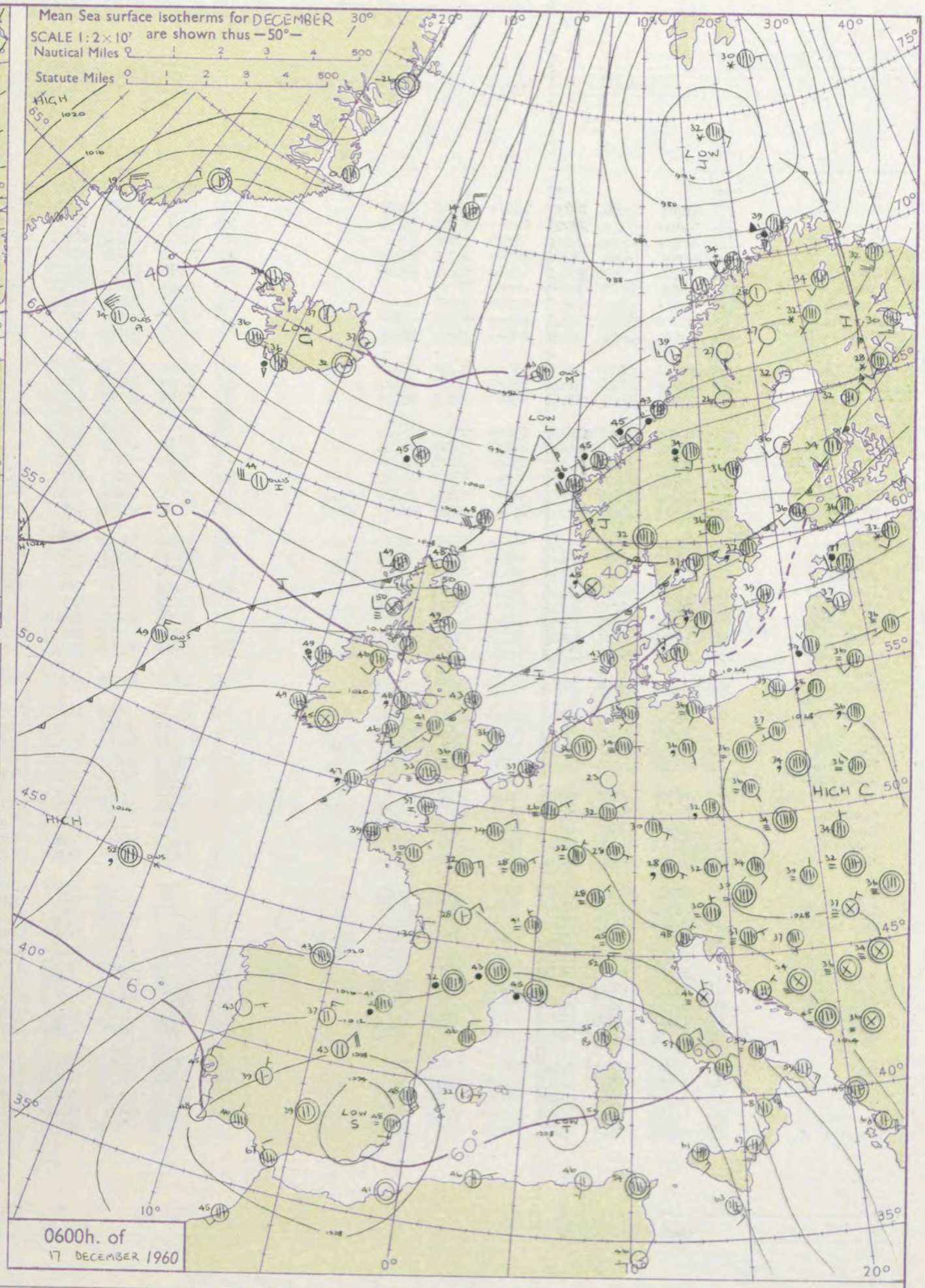
CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WEST EUROPE







GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Saturday 17 December 1960

The wave in mid-Atlantic yesterday moved rapidly eastnortheast passing near the Faeroes and turning northeast into the Norwegian Sea. The cold front behind the wave will penetrate southwards across Scotland, Northern Ireland and parts of northern England during the next 24 hours but its motion is likely to be erratic as minor waves run along it. A small depression over Iceland is moving eastnortheast but leaving a marked trough in the Iceland area. An anticyclone in mid-Atlantic is building slightly and moving northeast.

FORECAST for Great Britain and Northern Ireland until noon tomorrow

England and Wales will be mainly cloudy with some occasional slight rain but some bright periods chiefly in the east. Fog patches may form tonight in areas to the east of hills. In Northern Ireland and Scotland except the north, it will be cloudy with some rain, but brighter weather with occasional showers now in extreme north Scotland will gradually spread south.

OUTLOOK for the following 24 hours:-

Cooler brighter weather, with showers chiefly in the west and north, slowly spreading to all areas. Frost at night.

Code FM 11.A

OBSERVATIONS at 00h. 17 December 1960

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_d app	$8N_sC_hh_ss$	$8N_sC_hh_ss$	$8N_sC_hh_ss$
Kew	775			33					
London Airport	772	41703	13464	26832	455++	32607	84622		
Gatwick	776	90000	13454	27229	9+0++	29706	89+++		
Thorney Island	871	00000	08484	27231	00900	31805			
Hurn	862	90000	01494	26827	9+0++	26707	89+00		
Guernsey	894	81208	60052	27442	855++	36606	88629		
Felixstowe	697	02508	28021	26639	00900	38708			
Gorleston	497	02106	28400	25837	00900	36811			
Mildenhall	578	82107	32051	25340	855++	34708	88629		
Cardington	559	82104	56021	26139	855++	35607	88625		
West Raynham	485	82210	32021	24738	564++	34714	85715	88625	
Wittering	462	82208	20026	24840	854++	37710	88614		
Boscombe Down	746	81806	48031	27036	854++	33707	88615		
Ross-on-Wye									
Bristol	628	80000	14042	26141	855++	38708	88620		
Aberporth	502	81809	19515	24145	860++	45708	88701		
Rhoose (Cardiff)	715	80000	37505	26143	874++	41605	88711		
Plymouth	827	80605	28505	26939	855++	36707	88622		
Chivenor	707	80906	28606	26441	575++	39606	85707	88620	
St. Mawgan	817	82105	61026	26543	654++	39710	86619	88640	
Culdrose	809	80000	56026	26641	855++	39707	88623		
Scilly	804	82305	56515	26446	864++	46705	88712		
Elmdon	534	82106	28046	25440	855++	37705	88624		
Shawbury	414	71704	61012	23544	764++	41811	87710		
Manchester	334	81811	40102	22942	855++	39710	88625		
Squires Gate	318	81510	09535	22441	863++	41808	88709		
Valley	302	82208	13505	22549	862++	49806	88702		
Ronaldsway	204	82417	58505	21349	562++	48707	85703	88705	
Silloth									
Watnall	354	82708	19106	23840	856++	39712	88639		
Spurn Head	396	82512	16106	23342	855++	38709	88620		
Finningley	360	82003	20026	23142	855++	39712	88624		
Dishforth	261	81809	20102	21742	364++	41807	83710	88656	
Tynemouth	262	82006	48026	19946	856++	44813	88630		
Eskdalemuir									
Mull of Galloway	131	82315	80025	19348	864++	48718	88718		
Prestwick	135	81505	44045	18547	662++	46711	81704	86705	88708
Renfrew	141	82212	37525	17848	862++	48711	88704		
Leuchars	171	72515	44102	15846	563++	45719	82706	85707	87709
Dyce	091	41704	58041	15041	45700	40715	84650		
Wick	075	81813	74032	11247	856++	43630	88633		
Cape Wrath	049	92318	F1456	07349	9+0++	49730	89+00		
Sule Skerry	010	82313	58515	08749	864++	47730	88710		
Lerwick	005	81922	63506	07646	574++	44834	85612	88630	
Stornoway	026	82423	66205	10950	574++	48607	85714	88620	
Benbecula	022	82320	48585	12250	463++	49706	81705	84707	88710
Tiree	100	82316	23515	15250	462++	50706	84703	88709	
Aldergrove	917	92114	03435	19847	9+0++	47707	89+01		
Malin Head	980	82415	66205	17850	863++	48806	88708		
Belmullet	976	82112	56205	19850	861++	50803	88701		
Birr	965	82310	16285	22149	861++	49608	88702		
Collinstown	969	82510	66505	21348	861++	47710	84702	88706	
Rineanna	962	91803	03504	23048	9+0++	48704	89+01		
Roches Point	952	92502	02474	23246	9+0++	46709	89+01		
Valentia	953	81806	32505	23449	862++	49708	88705		

OBSERVATIONS at 06h. 17 December 1960

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_d app	$8N_sC_hh_ss$	$8N_sC_hh_ss$	$8N_sC_hh_ss$
Kew	775	82002	37114	23637	856++	34618	88635		
London Airport	772	81704	23104	23536	854++	34722	88618		
Gatwick	776	90000	F8494	24327	9+0++	26720	89+++		
Thorney Island	871	00000	17114	24229	00900	28619			
Hurn	862	70000	07424	23933	755++	32619	87626		
Guernsey	894	81210	56052	24739	855++	36616	82710	88628	
Felixstowe	697	02403	19020	23437	00900	36621			
Gorleston	497	72108	24031	22536	755++	35624	87628		
Mildenhall	578	82307	32052	21941	864++	36720	88713		
Cardington	559	82307	48022	22641	854++	38718	88618		
West Raynham	485	82311	23022	21339	864++	37719	88711		
Wittering	462	82406	32026	21940	463++	38715	84707	88657	
Boscombe Down	746	81805	40022	23738	863++	36718	88707		
Ross-on-Wye	627	82306	24025	21744	864++	42715	88710		
Bristol	628	82307	28505	21942	864++	41829	88710		
Aberporth	502	81806	40035	21346	462++	46618	81701	84703	88707
Rhoose (Cardiff)	715	80000	05515	23043	873++	43720	88709		
Plymouth	827	80000	26405	23741	864++	39719	88712		
Chivenor	707	80903	30506	23441	874++	40621	82906	88712	
St. Mawgan	817	81709	48505	22343	863++	41720	88709		
Culdrose	809	80000	50505	23244	854++	43621	88612		
Scilly	804	82105	16505	22647	861++	47723	88702		
Elmdon	534	82110	28102	22041	362++	41617	83705	85708	88618
Shawbury	414	31601	62111	20944	26301	42615	82708		
Manchester	334	41807	56015	20143	455++	42720	84623		
Squires Gate	318	81705	19205	19943	864++	43715	88712		
Valley	302	81910	13505	20448	862++	48815	88703		
Ronaldsway	204	82515	61205	19249	562++	49717	85703	88705	
Silloth									
Watnall	354	82509	14102	21041	862++	40617	88704		
Spurn Head	396	82106	16022	20343	855++	41717	88620		
Finningley	360	02005	06461	20237	00900	37716			
Dishforth	261	82512	40106	19046	763++	44717	87709	88640	
Tynemouth	262	72305	58022	17746	7567+	45713	87636		
Eskdalemuir	162	91906	01505	18744	9+0++	44710	89+00		
Mull of Galloway	131	82316	08525	17949	872++	49610	88705		
Prestwick	135	82104	48205	16750	362++	48711	82702	83703	88704
Renfrew	141	82208	37105	15849	362++	49714	83704	86708	88711
Leuchars	171	62511	56101	14449	463++	47708	84707	86709	
Dyce	091	62610	80021	13050	2573+	44505	82650	85360	
Wick	075	62513	80026	10748	456++	45502	84633	86645	
Cape Wrath	049	82318	48024	08948	864++	48208	88710		
Sule Skerry	010	82713	48025	07750	863++	46206	88706		
Lerwick	005	82428	63205	04648	874++	48302	88712		
Stornoway	026	82611	66025	11449	454++	47205	84714	88622	
Benbecula	022	72710	66015	12947	364++	47106	83710	87620	
Tiree	100	92611	07475	14350	9+0++	50605	89+01		
Aldergrove	917	82110	14285	18346	860++	46809	88701		
Malin Head	980	82312	24615	16449	872++	49709	88703		
Belmullet	976	82010	16596	17949	861++	49713	88701		
Birr	965	92204	04454	20248	9+0++	48715	89+01		
Collinstown	969	82510	59105	19048	861++	48718	88701		
Rineanna	962	91002	05456	20147	9+0++	47819	89+02		
Roches Point	952	90000	02454	21045	9+0++	45716	89+01		
Valentia	953	81804	48025	20949	863++	49719	88708		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_hE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Kew	775	97401	23	FF	FF
London Airport	772	97321	27	F	+
Gatwick	776	97261	26	FF	FFff
Thorney Island	871	00291	21	+	+
Hurn	862	97271	24	FF	ff
Guernsey	894	00371	34	+	+
Felixstowe	697	00371	34	+	+
Gorleston	497	00331	32	jf	+
Mildenhall	578	97391	34	+	id_o
Cardington	559	97371	33	+	id_o
West Raynham	485	91361	33	+	ir_o
Wittering	462	97391	38	ir_o	ir_o
Boscombe Down	846	00341	30	+	+
Ross-on-Wye	627	97421	40	+	id_o
Bristol	628	91391	39	id_o	id_o
Aberporth	502	91431	40	$id_od_od_o$	id_o
Rhoose (Cardiff)	715	95421	41	d_od_o	$d_od_ofid_o$
Plymouth	827	97371	31	id_o	+
Chivenor	707	01401	39	$ir_od_od_o$	id_o
St. Mawgan	817	97411	39	+	id_o
Culdrose	809	97[illegible]	40	id_o	$id_offd_od_o$
Scilly	804	90461	++	d_od_o	id_oidf
Elmdon	534	00401	39	+	+
Shawbury	414	00331	28	+	ifFF
Manchester	334	97411	39	+	id_o
Squires Gate	318	01401	40	id_oddf	$d_od_oid_off$
Valley	302	02471	46	$id_od_od_o$	id_o
Ronaldsway	204	01491	47	d_od_o	$d_od_oiddd_od_o$
Silloth					
Watnall	354	00391	40	+	f
Spurn Head	396	00400	++	+	f
Finningley	360	00351	33	+	ffFF
Dishforth	261	97421	39	ir_o	+
Tynemouth	262	00441	34	+	+
Eskdalemuir	162	01421	41	d_od_oFF	ddFF
Mull of Galloway	131	01462	++		
Prestwick	135	01461	44	id_o	$id_od_od_o$
Renfrew	141	93471	46	id	id_o
Leuchars	171	00441	40	+	+
Dyce	091	00361	31	+	+
Wick	075	97451	42	ir_o	ir_o
Cape Wrath	049	01452	43	ff	ff
Sule Skerry	010	01441	44		
Lerwick	005	01452	42	$ir_odid_od_od_od_odd$	d_od_o
Stornoway	026	92432	42	id_o	d_od_o
Benbecula	022	01451	42	d_od_odd	$d_od_oid_o$
Tiree	100	02491	48	$id_od_od_o$	ddd_od_of
Aldergrove	917	91452	44	$ffid_off$	$fid_offFFid_oFF$
Malin Head	980	01471	47		
Belmullet	976	01481	47		
Birr	965	97471	47		
Collinstown	969	97471	45		
Rineanna	962	95451	45		
Roches Point	952	97441	43		
Valentia	953	92481	46		

Code FM 21.A

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hh_ss$	$8N_sC_hh_ss$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
A	70620	33000	02934	85028	04837	00900	52245	+++++	+++++	05827	12936
B	70565	51000	82515	69028	20243	854++	00117	88620	+++++	05526	12524
C	70528	35500	32931	69021	26841	32500	00227	83820	+++++	05333	12846
D	70440	41000	33418	69028	35048	32500	00120	83825	+++++	06037	13245
I	70591	17900	22730	98158	07947	22500	00220	82820	+++++	05335	17741
J	70528	19500	82515	93445	18151	861++	00202	88702	+++++	00051	12447
K	70447	16100	80310	58505	25854	872++	00805	88704	+++++	05252	10332
M	73659	01800	82414	70602	97841	3857+	51810	81820	88358	05434	12422

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hh_ss$	$8N_sC_hh_ss$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
A	70620	32706	42835	80021	07934	42500	00217	+++++	+++++	06123	12838
B	70565	51006	82518	69227	21336	855++	00005	88620	+++++	05228	12524
C	70521	36406	72926	69021	29441	22530	53217	82820	86360	05333	12846
D	70440	41006	73613	72021	35549	755++	00008	87630	+++++	05936	13445
I	70591	17706	42630	98038	09744	48500	61306	81825	83630	05636	17640
J	70528	19406	83614	96205	17949	856++	00202	88635	+++++	05348	19966
K	70447	16206	80000	56515	23752	862++	00816	88704	+++++	05452	10040
M	73659	01806	82403	70022	91843	7542+	11734	87610	+++++	05239	12647

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DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 36186

Date of Issue Sunday 18 December 1960

Code FM 11.A — OBSERVATIONS at 12h. 17 December 1960

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sC_hh_ss$	$8N_sC_hh_ss$	$8N_sC_hh_ss$
Kew	775	82304	19052	21543	4635+	38717	84709	88399	
London Airport	772	82203	19042	21840	854++	38715	88615		
Gatwick	776	80000	08424	22134	6542+	31818	86618	88460	
Thorney Island	871	80000	13102	21941	464++	39816	84715	88657	
Hurn	862	80000	07444	21541	3577+	40719	83656	87360	
Guernsey	894	71107	56051	22841	3552+	36814	83626	87458	
Felixstowe	697	72503	22031	21441	356++	37720	82625	83633	87640
Gorleston	497	82305	20022	21240	864++	39815	88710		
Mildenhall	578	82206	19052	20743	863++	38715	88707		
Cardington	559	82304	32105	20743	855++	41816	88620		
West Raynham	485	82408	23026	20341	862++	40713	88705		
Wittering	462	82506	18106	20244	562++	43814	85705	88630	
Boscombe Down	746	82003	28052	21842	455++	39719	84625	88656	
Ross-on-Wye	627	82002	21022	20247	865++	44814	88720		
Bristol	628	82005	15284	21644	663++	42811	86707	88615	
Aberporth	502	71809	32025	19948	561++	48714	85702	86625	
Rhoose (Cardiff)	715	81202	09425	21443	373++	43710	83706	88708	
Plymouth	827	80000	13042	21746	855++	40716	88625		
Chivenor	707	80906	32025	21843	373++	43711	83708	88612	
St. Mawgan	817	81607	37105	21644	863++	44813	82703	88707	
Culdrose	809	82102	60025	21547	164++	45713	81625	88650	
Scilly	804	82005	32505	21348	861++	48711	88703		
Elmdon	534	82108	07505	20743	361++	43708	83702	88703	
Shawbury	414	52405	61034	19350	56301	46716	85709		
Manchester	334	81806	15501	19746	572++	44612	82703	85704	88706
Squires Gate	318	80000	04465	19445	461++	45809	84702	88708	
Valley	302	82111	20505	19448	461++	48707	84702	88703	
Ronaldsway	204	82513	19515	18750	360++	49807	83700	88702	
Silloth									
Watnall	354	72909	09514	19544	362++	43812	83703	87705	
Spurn Head	396	72309	02464	18843	763++	43715	87708		
Finningley	360	81902	06424	19243	855++	43815	88620		
Dishforth	261	22208	59051	17653	18540	47817	81825		
Tynemouth	262	72303	10102	17552	756++	48602	87630		
Eskdalemuir	162	72004	48285	18346	762++	46704	87704		
Mull of Galloway	131	82307	60024	17149	872++	49810	83705		
Prestwick	135	82107	32606	16750	362++	49804	83705	87707	88625
Renfrew	141	82209	28105	16250	363++	49803	83707	85709	88712
Leuchars	171	72610	44042	14551	35736	48805	82708	83656	85359
Dyce	091	70000	62042	14449	45832	45104	81656	84657	85359
Wick	075	32610	82010	13442	25601	39110	82635		
Cape Wrath	049	82318	66606	12647	864++	45210	88715		
Sule Skerry	010	72713	81038	11347	784++	43215	87615		
Lerwick	005	22726	74011	08445	28400	38219	82818		
Stornoway	026	72105	74801	14046	783++	44106	81706	83820	87635
Benbecula	022	72407	80031	14947	784++	45304	81715	87645	
Tiree	100	80000	50505	15349	663++	49802	82702	86708	88615
Aldergrove	917	82112	17284	17447	560++	47713	85701	88702	
Malin Head	980	82304	16536	16049	861++	49705	82702	88704	
Belmullet	976	82212	32586	16551	861++	51710	88702		
Birr	965	82206	24504	18751	872++	50713	88705		
Collinstown	969	72606	69025	18550	762++	48709	83704	86709	87645
Rineanna	962	71803	32105	18949	762++	49811	84703	87711	
Roches Point	952	90000	03474	19847	9+0++	47710	89+00		
Valentia	953	71804	59505	19752	763++	51808	84709	87625	

OBSERVATIONS at 18h. 17 December 1960

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sC_hh_ss$	$8N_sC_hh_ss$	$8N_sC_hh_ss$
Kew	775	82203	20052	18144	663++	40811	86706	88620	
London Airport	772	82202	40046	18143	654++	40512	86710	88630	
Gatwick	776	80000	04464	18339	864++	39715	88710		
Thorney Island	871	82001	23505	18544	754++	42715	82710	87617	88656
Hurn	862	82605	19504	18344	454++	40614	84710	88612	
Guernsey	894	80905	40102	19142	664++	37719	86716	88620	
Felixstowe	697	82501	20032	18042	863++	39614	88708		
Gorleston	497	82402	04454	17841	864++	40711	88710		
Mildenhall	578	82303	07464	17543	862++	41615	88703		
Cardington	559	80000	05605	17743	861++	42714	88702		
West Raynham	485	92604	F5474	17341	9+0++	41715	89+00		
Wittering	462	90000	02504	17343	9+0++	42712	89+00		
Boscombe Down	746	82101	32102	18242	453++	41714	84707	88640	
Ross-on-Wye	627	80000	13102	17244	863++	43713	88708		
Bristol	628	82604	06464	18044	863++	44614	88706		
Aberporth	502	81902	19505	17148	562++	48711	81703	85704	88710
Rhoose (Cardiff)	715	90000	01475	17945	9+0++	45713	89+00		
Plymouth	827	80000	08446	18644	863++	42712	88707		
Chivenor	707	80904	19505	18344	562++	44713	85704	88708	
St. Mawgan	817	81707	23102	18545	862++	44713	88704		
Culdrose	809	82201	56102	18146	854++	45717	82613	88620	
Scilly	804	82403	32025	18349	862++	47713	88704		
Elmdon	534	80000	05445	17745	861++	45714	88701		
Shawbury	414	72302	62021	17245	364++	44610	83712	87656	
Manchester	334	81205	05505	16646	473++	44714	82703	84709	88712
Squires Gate	318	81603	06465	16546	862++	45715	88704		
Valley	302	82009	08505	16248	860++	48718	88701		
Ronaldsway	204	92112	03515	15849	9+0++	48714	89+00		
Silloth									
Watnall	354	80000	05425	16744	360++	44714	83701	88703	
Spurn Head	396	90000	04434	17044	9+0++	44713			
Finningley	360	80000	06464	17145	863++	44711	88709		
Dishforth	261	91502	F9474	16340	9+0++	39704			
Tynemouth	262	80000	04444	16250	863++	48705	88708		
Eskdalemuir	162	90000	01515	15845	9+0++	45709			
Mull of Galloway	131	82310	58504	14149	872++	49719	88705		
Prestwick	135	80000	26046	13848	472++	46718	86704	88706	
Renfrew	141	81905	37206	13848	462++	48813	84704	87710	88619
Leuchars	171	82405	32106	13448	364++	48707	83711	88629	
Dyce	091	83602	56045	14244	373++	43706	83707	88612	
Wick	075	52305	82011	13839	35602	36001	83635	83075	
Cape Wrath	049	82713	83026	12045	865++	43400	88725		
Sule Skerry	010	32709	85028	11947	33400	38400	83915		
Lerwick	005	22620	81010	09343	28400	35000	82815		
Stornoway	026	72307	66028	12941	756++	40809	87640		
Benbecula	022	80000	80022	13245	885++	41808	82820	87637	
Tiree	100	80000	61606	13245	856++	45712	82710	88627	
Aldergrove	917	82007	06515	14448	460++	48715	84700	88701	
Malin Head	980	82106	32586	12849	863++	49715	88707		
Belmullet	976	82409	24586	14150	862++	50706	88703		
Birr	965	51903	61016	15749	556++	49713	85635		
Collinstown	969	80000	07465	15348	862++	47713	85704	88706	
Rineanna	962	91405	04435	15849	9+0++	49713	89+02		
Roches Point	952	80000	48104	16347	852++	47715	83704	88646	
Valentia	953	71803	59015	16350	762++	50714	83705	86714	87625

OBSERVATIONS during DAY

Station	iii	RRT_xT_xE	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Kew	775	97451	000	+	id_o
London Airport	772	97441	000	+	$ir_o\ r_od_o$
Gatwick	776	97401	000	if	$ffid_o$
Thorney Island	871	97441	000	+	id_of
Hurn	862	91461		ff	fd_od_o
Guernsey	894	00431	000	+	+
Felixstowe	697	00431	013	+	+
Gorleston	497	00421	000	+	ff
Mildenhall	578	00431	000	+	F
Cardington	559	97441	000	+	id_ofir_oF
West Raynham	485	00421	000	if	ffFF
Wittering	462	97441	000	f	fid_o
Boscombe Down	746	97441	000	+	id_o
Ross-on-Wye	627	00471	000	+	+
Bristol	628	00441	000	ifff	ifff
Aberporth	502	97491	000	+	id_of
Rhoose (Cardiff)	715	92451	000	$ffid_od_od_o$	$id_od_od_oFF$
Plymouth	827	97461	000	f	ir_od_of
Chivenor	707	97441	000	id_o	$id_od_od_of$
St. Mawgan	817	97451	000	id_of	d_od_of
Culdrose	809	97470	000	id_o	+
Scilly	804	91492	000	$id_ofd_od_o$	id_of
Elmdon	534	97451	000	d_od_of	$d_od_ofid_oFF$
Shawbury	414	00521	043	FF	+
Manchester	334	97461	000	id_of	$ffid_off$
Squires Gate	318	94471	000	d_od_oFF	d_od_offFF
Valley	302	93481	000	id_o	$id_od_od_o$
Ronaldsway	204	01501	000	$d_od_oid_o$	$id_od_od_o$
Silloth					
Watnall	354	97451	000	$ffir_od_od_o$	ff
Spurn Head	396	00440	003	ffFF	FFff
Finningley	360	00481	000	FF	ff
Dishforth	261	00541	053	+	FFff
Tynemouth	262	00521	000	+	ff
Eskdalemuir	162	02471	000	id_oFffFF	FFd_od_oFF
Mull of Galloway	131	92492			
Prestwick	135	01501	000	$d_od_or_or_o$	ir_o
Renfrew	141	01501	000	$id_o\ r_od_o$	id_o
Leuchars	171	94521	016	ir_o	ir_oid_o
Dyce	091	94501	017	+	$id_od_od_oid_o$
Wick	075	00451	013	+	+
Cape Wrath	049	95481		ir_o	+
Sule Skerry	010	95501			
Lerwick	005	97441	025	pr_o	pr_o
Stornoway	026	01462	014	pr_o	pr_o
Benbecula	022	97481	002	+	ir_o
Tiree	100	04501	000	$id\ rrr_or_o$	$id_or_or_oir_o$
Aldergrove	917	02482	000	id_oFfdd	$fid_od_od_o$
Malin Head	980	0250	000		
Belmullet	976	0451	000		
Birr	965	0152	000		
Collinstown	969	9752	020		
Rineanna	962	9351	000		
Roches Point	952	9748	000		
Valentia	953	9752	000		

Code FM 21.A — OCEAN WEATHER STATION REPORTS at 12h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_s$app	$8N_sC_hh_ss$	$8N_sC_hh_ss$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
A	70620	32812	33038	85021	13834	32500	61234	+++++	+++++	06023	13049
B	70565	51012	82016	59022	23438	884++	00212	88615	+++++	00032	12224
C	70515	37312	63418	69258	33441	58530	53220	82820	83625	05536	12845
D	70440	41012	70212	72022	37551	756++	00217	87639	+++++	05736	13544
I	70590	18300	32632	98808	11741	32500	61315	83820	+++++	05433	12539
J	70527	19312	83617	98022	20148	856++	00211	88635	+++++	05342	13644
K	70446	16212	70000	65015	22854	763++	00810	85710	87622	05352	100+0
M	73659	02012	83602	60682	87437	7722+	00804	87704	+++++	05836	100+0

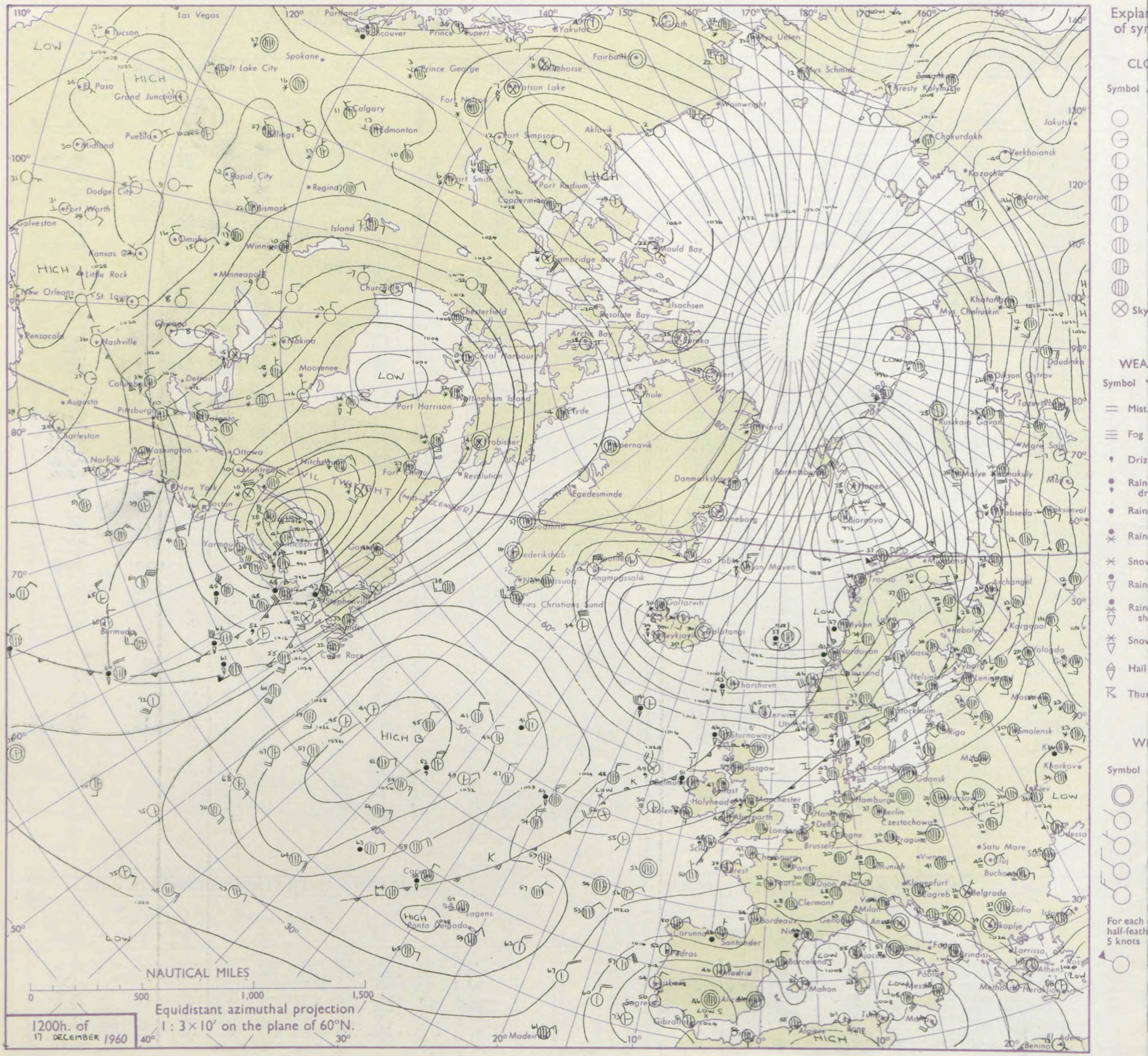
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_s$app	$8N_sC_hh_ss$	$8N_sC_hh_ss$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
A	70619	32618	53038	80021	17034	52500	00324	+++++	+++++	06123	18040
B	70565	51018	61621	69022	20939	11508	00714	81820	862++	00134	11924
C	70528	35518	73607	65808	34643	78400	00302	83815	+++++	05636	12833
D	70440	41018	20511	72021	36252	25600	00400	82635	+++++	05537	10144
I	70590	19118	32930	98158	11143	33460	61601	83918	+++++	05738	17840
J	70527	19318	73621	98258	19846	6267+	00306	85825	87460	05439	149+6
K	70446	16218	82102	40515	20452	862++	00708	88703	+++++	05452	10852
M	73659	01918	23517	65217	95139	25400	00255	82615	+++++	05832	10122

All times of observation printed in this publication are GREENWICH MEAN TIME.

SIR GRAHAM SUTTON, C.B.E., D.Sc., F.R.S., Director General. Meteorological Office, Air Ministry, Kingsway, London, W.C.2

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WEST EUROPE

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Wind speed (knots)

Calm
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3–7
8–12
13–17
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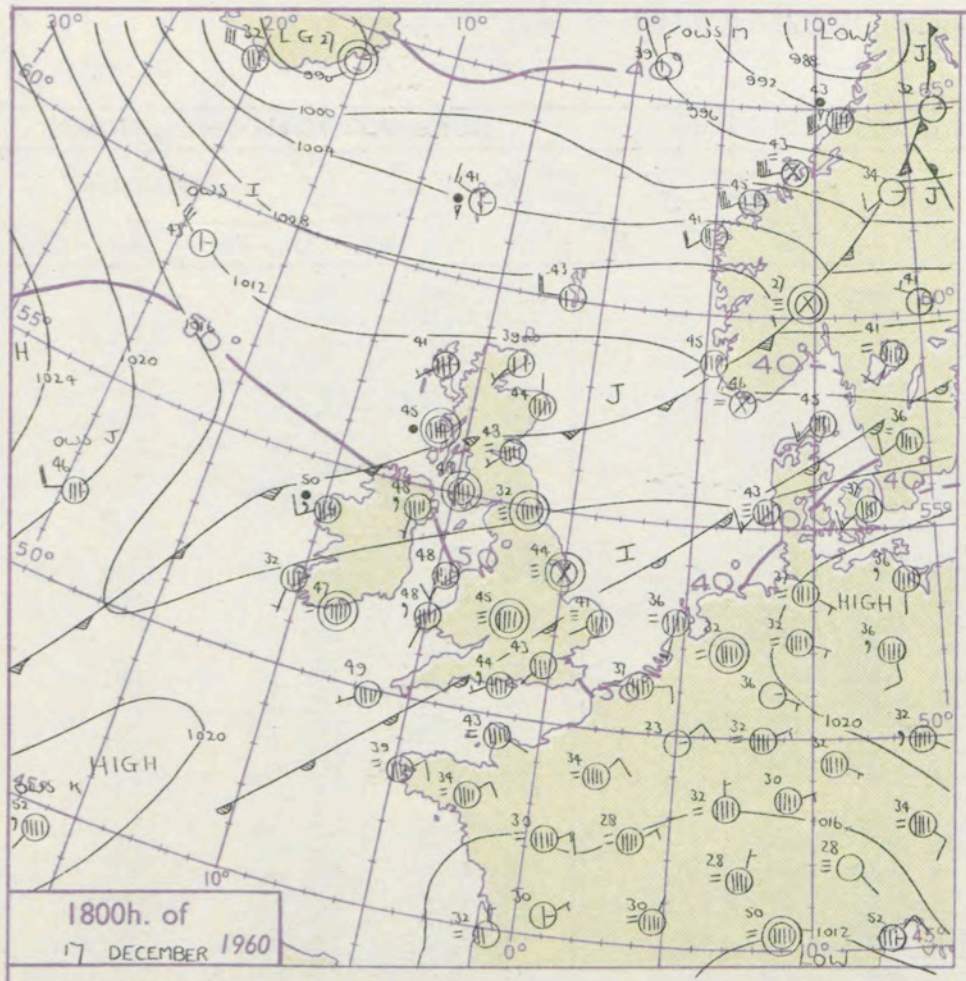

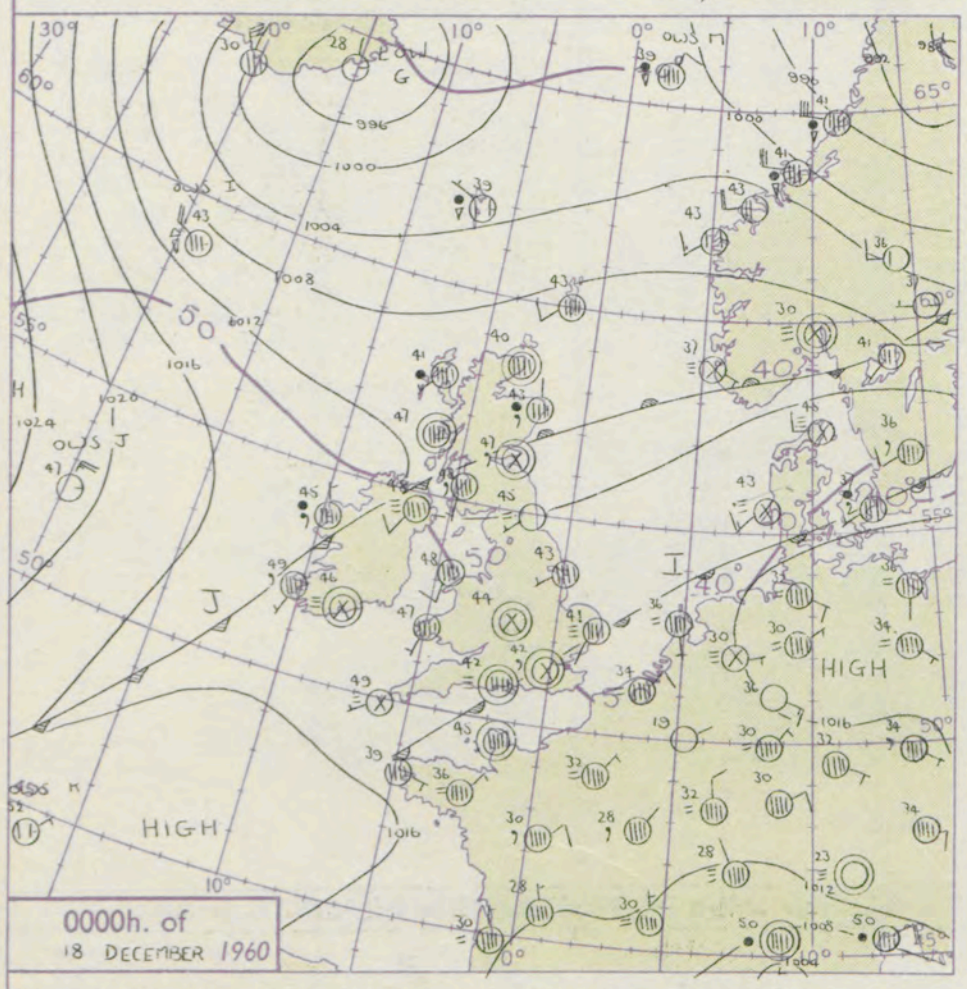

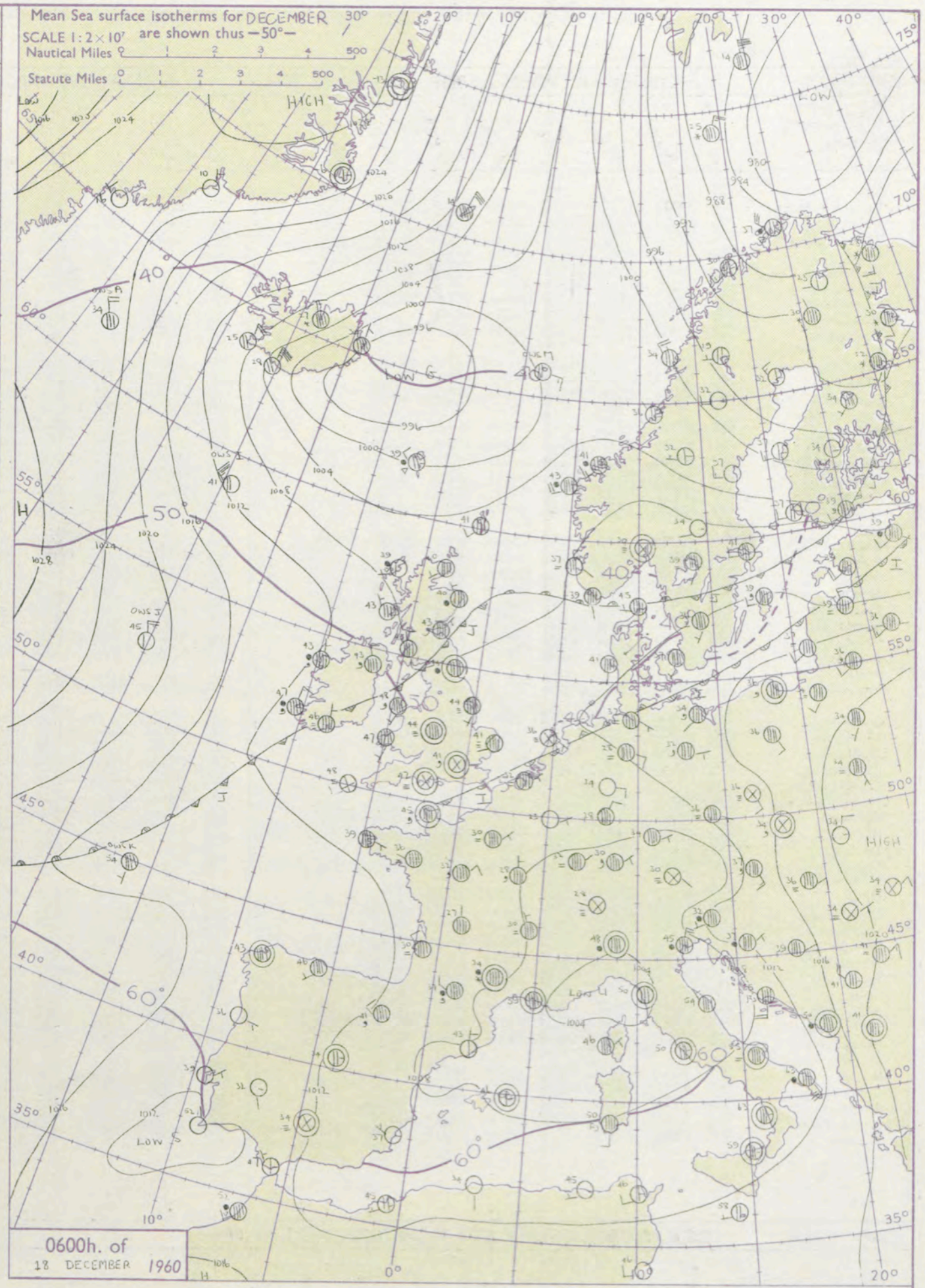

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Sunday 18 December 1960

A depression to the north of Scotland moved eastwards and a cold front moved slowly south eastwards across the British Isles as minor waves on the front moved northeastwards. The front will continue to move slowly southeastwards, while a depression near Iceland moves towards Shetland.

FORECAST for Great Britain and Northern Ireland until noon tomorrow

Dull over England and Wales with occasional rain and drizzle and widespread fog. Brighter weather with scattered showers spreading southeastwards over Scotland and slowly into England and Wales tomorrow. Becoming colder with snow showers in northern Scotland where winds from the northwest or north may reach gale force at times.

OUTLOOK for the following 24 hours:-

Colder weather spreading southeastwards to all districts, with bright periods and showers. Snow at times in Scotland and over hills in England and Wales.

Code FM 11.A

OBSERVATIONS at 00h. 18 December 1960

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_d app	$8N_sC_sh_s$	$8N_sC_sh_s$	$8N_sC_sh_s$
Kew	775			42					
London Airport	772	90000	01516	14742	9+0++	42719	89+03		
Gatwick	776	90000	01515	14740	9+0++	40722	89+01		
Thorney Island	871	90000	02475	14942	9+0++	41722	89+02		
Hurn	862	80000	09425	14642	662++	41723	86703	88704	
Guernsey	894	80000	50052	15843	854++	38722	82710	88614	
Felixstowe	697	82501	04514	14742	861++	41719	88702		
Gorleston	497	82002	02444	15041	864++	41718	88710		
Mildenhall	578	91801	02434	14343	9+0++	43719			
Cardington	559	90000	01476	14342	9+0++	42721	89+01		
West Raynham	485	91902	F7434	14141	9+0++	41719	89+00		
Wittering	462	90000	02505	14143	9+0++	43718	89+00		
Boscombe Down	746	90000	01455	14841	9+0++	41726	89+00		
Ross-on-Wye									
Bristol	628	90000	F9454	14844	9+0++	44722	89+01		
Aberporth	502	82005	48025	13647	862++	47821	88703		
Rhoose (Cardiff)	715	90000	F9474	14745	9+0++	45720	89+00		
Plymouth	827	90000	07454	15044	9+0++	44722	89+00		
Chivenor	707	90906	02535	14843	9+0++	43722			
St. Mawgan	817	91808	05475	15044	9+0++	44721	89+00		
Culdrose	809	82201	58102	15146	563++	45720	85707	88618	
Scilly	804	92404	04474	15049	9+0++	49717	89+00		
Elmdon	534	90000	01434	14344	9+0++	44720			
Shawbury	414	82003	15284	13744	862++	44723	88705		
Manchester	334	81904	09445	13345	562++	44724	85705	88708	
Squires Gate	318	81506	04424	13045	855++	45720	88620		
Valley	302	82009	48205	13048	860++	48720	88701		
Ronaldsway	204	82412	25515	12551	360++	50717	83701	88702	
Silloth									
Watnall	354	90000	F9474	13645	9+0++	45722			
Spurn Head	396	82606	20284	14243	864++	42717	88710		
Finningley	360	90000	02474	13443	9+0++	43724	89+00		
Dishforth	261	81001	04444	12840	857++	39824	88650		
Tynemouth	262	02505	16104	12045	00900	45723			
Eskdalemuir									
Mull of Galloway	131	82312	04434	11249	872++	49716	88703		
Prestwick	135	82006	20536	10348	371++	48720	83702	88706	
Renfrew	141	80000	37505	10048	362++	47822	83704	86708	88710
Leuchars	171	90000	03515	10147	9+0++	47719			
Dyce	091	83602	17596	11443	371++	42722	83702	85706	88710
Wick	075	80000	80032	11240	856++	36716	88634		
Cape Wrath	049	82313	83802	09642	865++	40715	88725		
Sule Skerry	010	72705	85032	09447	784++	38715	87615		
Lerwick	005	82409	81028	08843	884++	38708	83818	88630	
Stornoway	026	82305	66602	11041	856++	39714	88642		
Benbecula	022	82208	74216	11544	3257+	41711	83622	88458	
Tiree	100	83409	80606	11545	856++	43713	88640		
Aldergrove	917	82311	09425	11448	860++	48716	88701		
Malin Head	980	83506	61506	12146	853++	46803	82709	88626	
Belmullet	976	83507	48596	13745	863++	45603	84705	88713	
Birr	965	90000	02605	13249	0+0++	49718	89+02		
Collinstown	969	82605	40105	12450	861++	49716	85702	88704	
Rineanna	962	92505	07475	13147	9+0++	47814	89+02		
Roches Point	952	90000	04474	13546	9+0++	46718	89+00		
Valentia	953	81904	24504	13749	862++	49717	88705		

OBSERVATIONS at 06h. 18 December 1960

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_d app	$8N_sC_sh_s$	$8N_sC_sh_s$	$8N_sC_sh_s$
Kew	775	82001	03515	09743	861++	41722	88702		
London Airport	772	90000	F9515	10341	9+0++	41723	89+03		
Gatwick	776	90000	01515	10240	9+0++	40726	89+01		
Thorney Island	871	80000	02515	10342	861++	41723	88702		
Hurn	862	90000	01455	10342	9+0++	42725	89+00		
Guernsey	894	83006	14515	11345	760++	44724	82700	87701	
Felixstowe	697	83401	40285	10341	854++	39722	88619		
Gorleston	497	82402	08424	11141	863++	41725	88706		
Mildenhall	578	91601	03436	09942	9+0++	42724			
Cardington	559	90000	02456	10142	9+0++	42723	89+02		
West Raynham	485	92102	F7454	09841	9+0++	41723	89+00		
Wittering	462	90000	03475	10042	9+0++	42720	89+00		
Boscombe Down	746	80000	05515	10741	871++	41722	88702		
Ross-on-Wye	627	80000	08444	09943	863++	42720	88706		
Bristol	628	80000	02504	10843	860++	43719	88700		
Aberporth	502	81906	48022	10347	460++	47720	88708		
Rhoose (Cardiff)	715	93004	F9475	10146	9+0++	46723	89+00		
Plymouth	827	80000	07504	11045	371++	44721	83702	88704	
Chivenor	707	90000	02455	10044	9+0++	44731			
St. Mawgan	817	92005	03475	11046	9+0//	46720	89+00		
Culdrose	809	92901	F4515	11548	9+0++	48718			
Scilly	804	92109	04474	11148	9+0++	48718	89+00		
Elmdon	534	80000	10444	10344	572++	44720	85705	88710	
Shawbury	414	70000	28504	09745	362++	45723	83704	86622	
Manchester	334	91905	06435	09742	9+0//	42620	89+02		
Squires Gate	318	81707	14506	09345	361++	45718	83702	88705	
Valley	302	81904	23535	09248	860++	48720	88701		
Ronaldsway	204	83410	64216	09248	362++	47718	83705	88707	
Silloth									
Watnall	354	93002	02435	09743	9+0++	43722			
Spurn Head	396	82004	04444	09744	863++	44721	88708		
Finningley	360	90000	01434	09543	9+0++	43720	89+00		
Dishforth	261	90000	01474	08839	9+0++	39725	89+01		
Tynemouth	262	80000	32606	08644	863++	44717	88708		
Eskdalemuir	162	82003	17205	08345	4722+	45813	84703	88522	
Mull of Galloway	131	82916	80025	08745	864++	43713	88715		
Prestwick	135	83410	80026	08345	556++	41607	82625	85635	88657
Renfrew	141	82808	62805	07945	884++	41706	84710	85816	88630
Leuchars	171	80306	21515	07143	472++	43708	84704	86708	88712
Dyce	091	83205	56616	09140	856++	39713	88642		
Wick	075	82207	82026	07840	455++	35719	84621	88641	
Cape Wrath	049	82309	83808	06843	865++	41710	88720		
Sule Skerry	010	52709	85028	06345	535++	38718	85920		
Lerwick	005	62211	81018	05241	784++	38720	83818	86628	
Stornoway	026	22405	80808	07839	22500	36814	81820		
Benbecula	022	32816	82018	09342	38500	39706	82825		
Tiree	100	63107	82016	09643	45608	40709	84643	86270	
Aldergrove	917	83309	56516	10243	563++	43708	82704	85706	88711
Malin Head	980	73307	74016	10345	785++	41812	83820	87632	
Belmullet	976	83504	56586	12543	863++	41710	88709		
Birr	965	83304	16506	11548	872++	47606	88702		
Collinstown	969	82804	04516	09449	860++	49614	86701	88703	
Rineanna	952	80108	58585	10645	862++	44712	81705	86709	88712
Roches Point	952	83503	02455	10246	9+0++	46719	89+00		
Valentia	953	83613	40586	10747	862++	45612	88704		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Kew	775	91421	41	d_0d_0ff	d_0d_0iF
London Airport	772	91411	41	d_0d_0FF	d_0d_0FF
Gatwick	776	93391	39	d_0d_0FF	d_0d_0FF
Thorney Island	871	92411	39	$ffid_0$	FFd_0d_0
Hurn	862	02411	41	$fid_0fd_0d_0f$	$d_0d_0ffd_0r_0f$
Guernsey	894	01421	40	$id_0d_0d_0$	ddd_0d_0
Felixstowe	697	97411	39	$ffd_0d_0ffid_0ff$	ff
Gorleston	497	91391	39	ff	ff
Mildenhall	578	01421	41	$ffFFir_0$	$ffirr_0r_0$
Cardington	559	92411	41	$FFir_0$	$ffid_0FF$
West Raynham	485	00411	39	FF	FF
Wittering	462	92421	41	$ffid_0ff$	ffFF
Boscombe Down	746	94411	40	FFff	ffd_0d_0ff
Ross-on-Wye	627	97431	37	id_0	ff
Bristol	628	97421	42	fF	F
Aberporth	502	92471	44	id_0	id_0ir_0
Rhoose (Cardiff)	715	93441	43	FF	f
Plymouth	827	97431	42	fid_0f	fid_0f
Chivenor	707	96421	40	d_0d_0f	d_0d_0ff
St. Mawgan	817	01441	44	d_0d_0F	d_0d_0F
Culdrose	809	97451	44	f	id_0idff
Scilly	804	01471		d_0d_0ff	$ffid_0$
Elmdon	534	00431	43	FF	ffFF
Shawbury	414	93401	33	ifd_0d_0	d_0d_0ff
Manchester	334	93421	41	ffd_0d_0FF	FFd_0d_0ff
Squires Gate	318	01441	44	$ffid_0d_0d_0dr$	$d_0r_0ffd_0d_0$
Valley	302	02471	47	$d_0d_0id_0$	$id_0ddrrr_0r_0$
Ronaldsway	204	02461	41	d_0d_0dr	$ird_0r_0id_0$
Silloth					
Watnall	354	91411	41	ffFF	d_0d_0FF
Spurn Head	396	97431		ff	ff
Finningley	360	92411	37	ffFF	FF
Dishforth	261	91381	37	ffFF	$FFir_0ff$
Tynemouth	262	92401	35	ffFF	$FFffir_0$
Eskdalemuir	162	03411	38	$FFd_0d_0ffr_0r_0$	d_0d_0
Mull of Galloway	131	01422			
Prestwick	135	02431	42	d_0r_0dd	d_0r_0
Renfrew	141	96431	40	$id_0d_0d_0$	$d_0d_0pr_0$
Leuchars	171	05411	41	$id_0d_0d_0fid_0$	$d_0d_0r_0r_0d_0d_0$
Dyce	091	06391	37	$id_0d_0r_0RR$	ir_0rrir_0
Wick	075	01381	33	$ir_0irr_0r_0$	r_0r_0
Cape Wrath	049	01412	37	pr	pr
Sule Skerry	010	02421	38		
Lerwick	005	03382	34	pr_0	$pr_0r_0r_0$
Stornoway	026	01351	31	ir_0pr_0	pr_0
Benbecula	022	92421	34	r_0r_0	pr_0
Tiree	100	95421	36	$ir_0r_0r_0$	$r_0r_0id_0$
Aldergrove	917	96412	39	$d_0d_0id_0fd_0r_0$	$id_0d_0d_0ir_0r_0r_0$
Malin Head	980	06441	40		
Belmullet	976	09421	39		
Birr	965	01421	42		
Collinstown	969	01441	44		
Rineanna	962	01421	42		
Roches Point	952	01421	42		
Valentia	953	02451	43		

Code FM 21.A

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$YQL_aL_aL_a$	$L_0L_0L_0GG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_sh_s$	$8N_sC_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
A	10617	32000	63130	80022	21634	68500	00222	+++++	+++++	06223	13148
B	10564	51000	51633	69022	35240	15508	00737	83622	+++++	00235	13636
C	10528	35500	72917	65258	35041	7244+	05103	87815	+++++	05335	12933
D	10440	41000	20908	72020	36453	25600	00400	81645	+++++	05741	10144
I	10589	19300	73027	98878	11543	784++	00400	84915	87650	05630	17940
J	10526	19600	13624	98028	21447	12500	00207	81825	+++++	05436	149+6
K	10446	16300	50404	60035	18752	56400	00711	85710	+++++	05352	100+0
M	13658	01900	80310	65806	00539	892++	81120	87906	+++++	05630	10222

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$YQL_aL_aL_a$	$L_0L_0L_0GG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_sh_s$	$8N_sC_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
A	10619	32606	63218	80021	24734	685++	72217	+++++	+++++	05923	13245
B	10565	51006	81638	65022	29343	845++	19622	88615	+++++	00439	11748
C	10528	35506	82914	69022	34742	824++	00303	88815	+++++	05234	12933
D	10440	41006	71408	72022	35254	765++	00903	87635	+++++	05639	1++++
I	10589	19206	43035	98268	10441	43500	00613	84920	+++++	05932	18042
J	10527	19206	23418	98030	20345	22500	00703	82825	+++++	05439	13446
K	10449	16206	81806	60022	15554	854++	00817	88616	+++++	05252	100+0
M	13659	01906	41014	70027	00637	45400	81706	84615	+++++	05828	10234

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H.M.S.O. Press, M.O. Dunstable.

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 36187

Date of Issue Monday 19 December 1960.

Code FM 11.A

OBSERVATIONS at 12h. 18 December 1960

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775	82102	02425	07344	862++	42823	88703		
London Airport	772	92101	01475	07642	9+0++	42720	89+04		
Gatwick	776	80000	07515	07941	871++	41818	88702		
Thorney Island	871	80000	09515	07943	761++	43718	87702	88704	
Hurn	862	80000	09616	08044	863++	43715	88707		
Guernsey	894	83210	32515	09048	660++	48816	86701	87702	
Felixstowe	697	80000	28032	07343	763++	38725	87708	88619	
Gorleston	497	80000	06444	07043	863++	40706			
Mildenhall	578	81903	09466	07343	863++	42720	88703		
Cardington	559	80000	06426	07443	861++	43720	88702		
West Raynham	485	92105	01454	07541	9+0++	41717	89+01		
Wittering	462	82702	15284	07643	861++	43721	88703		
Boscombe Down	746	90000	02515	08244	9+0++	44715	89+01		
Ross-on-Wye	627	82602	08424	07445	863++	44819	88706		
Bristol	628	83303	12284	08945	9+0++	45713	85702	88628	
Aberporth	502	82808	03596	08149	860++	49715	88701		
Rhoose (Cardiff)	715	80000	23504	08447	452++	47714	84704	86710	88620
Plymouth	827	80000	13105	08747	562++	46711	85705	88710	
Chivenor	707	90000	02504	08447	9+0++	47714	89+02		
St. Mawgan	817	93012	02475	09448	9+0++	48808	89+03		
Culdrose	809	93110	02475	10848	9+0++	48710	89+01		
Scilly	804	83107	74025	10348	663++	46809	86708	88830	
Elmdon	534	90000	02434	08244	9+0++	44713	89+02		
Shawbury	414	82602	19505	07447	873++	47817	82701	88707	
Manchester	334	81802	03515	07345	870++	45716	88701		
Squires Gate	318	83107	26286	07346	5537+	45814	85707	86625	87645
Valley	302	80203	20506	07848	861++	48812	88702		
Ronaldsway	204	73509	83025	08547	3557+	42708	81715	83620	86656
Silloth									
Watnall	354	82602	01465	07343	862++	43717	88703		
Spurn Head	396	82104	12104	07244	864++	44716	88710		
Finningley	360	92002	01434	07043	9+0++	43718	89+01		
Dishforth	261	72610	19148	06247	78572	47718	85620	86650	86458
Tynemouth	262	72707	32286	06248	6567+	46714	86630		
Eskdalemuir	162	83004	80022	07941	855++	40806	86820	88632	
Mull of Galloway	131	83211	82022	08245	4445+	43810	84618	88630	
Prestwick	135	73006	62022	07845	35632	42808	81618	83645	85360
Renfrew	141	72607	37048	07345	5843+	39811	81818	85650	85358
Leuchars	171	70000	60026	06042	4567+	42816	81705	84640	87458
Dyce	091	72906	74026	06441	758++	38717	81620	87657	
Wick	075	22010	86021	05238	18532	33716	81820		
Cape Wrath	049	32319	83038	02142	33500	40731	83925		
Sule Skerry	010	62409	85028	02945	4354+	38719	84920		
Lerwick	005	61910	82038	01939	6343+	37722	86815	82915	
Stornoway	026	52407	82818	04641	595++	38720	85922		
Benbecula	022	52817	74258	05543	5946+	38721	82716	85919	
Tiree	100	62610	82258	07542	4956+	40815	84920	84358	
Aldergrove	917	72704	62106	09542	3557+	41710	81708	83620	87458
Malin Head	980	52811	83028	09344	524++	36809	85819		
Belmullet	976	43010	82018	11946	22502	37809	82820	84070	
Birr	965	83203	58506	11442	873++	42804	85706	88632	
Collinstown	969	83408	40516	09343	862++	42805	84704	86709	88625
Rineanna	962	73408	82016	11844	753++	42802	81708	83715	87630
Roches Point	952	53519	66505	09745	864++	42704	88711		
Valentia	953	80313	72216	12346	864++	41001	86717	88633	

OBSERVATIONS at 18h. 18 December 1960

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775	82502	04596	04144	862++	43711	88704		
London Airport	772	92502	06516	03843	9+0++	43811			
Gatwick	776	92001	03505	04541	9+0++	41615	89+01		
Thorney Island	871	90000	01505	04444	9+0++	43714	89+02		
Hurn	862	82703	09466	04745	4722+	43613	84705	88507	
Guernsey	894	83211	14515	06349	560++	49608	85701	88702	
Felixstowe	697	80000	23022	03742	864++	40716	88711		
Gorleston	497	82701	20026	04642	863++	41718	88706		
Mildenhall	578	92402	03476	03643	9+0++	43718			
Cardington	559	82702	07425	03744	861++	44717	88702		
West Raynham	485	92704	00474	03142	9+0++	42717	89+00		
Wittering	462	83207	11104	03545	854++	44714	88613		
Boscombe Down	746	83203	13285	04744	860++	44717	88701		
Ross-on-Wye	627	92101	01536	01446	9+0++	46716			
Bristol	628	80000	03536	05245	872++	45714	88703		
Aberporth	502	83611	19596	06045	562++	45502	85703	88706	
Rhoose (Cardiff)	715	93007	08475	04747	9+0++	47716	89+00		
Plymouth	827	82804	27025	05849	864++	47612	88712		
Chivenor	707	82904	18516	05349	860++	48715	88701		
St. Mawgan	817	83010	56026	06347	562++	47716	85704	88706	
Culdrose	809	82904	66024	07346	4627+	46711	82702	84705	87706
Scilly	804	83007	24205	07149	863++	49713	88708	97169	
Elmdon	534	83206	04426	04147	861++	47714	88702		
Shawbury	414	83413	59025	04844	363++	42707	83707	88619	
Manchester	334	83007	23026	04243	855++	41712	88622		
Squires Gate	318	83311	37046	04744	455++	41712	81709	84624	88649
Valley	302	83510	32586	06045	662++	44710	86704	88618	
Ronaldsway	204	43311	80016	06044	2563+	36716	81618	84360	
Silloth									
Watnall	354	90000	03474	03545	9+0++	45712			
Spurn Head	396	83005	08444	02945	864++	45724	88710		
Finningley	360	83207	13286	03447	3577+	45718	83650	88362	
Dishforth	261	73410	66034	03744	354++	40710	83618	86647	
Tynemouth	762	83203	32026	03944	864++	42712	88715		
Eskdalemuir	162	02704	82011	05836	00900	35711			
Mull of Galloway	131	23207	82011	05541	25500	36714	82620		
Prestwick	135	12910	62018	04342	18500	37721	81825		
Renfrew	141	12606	28048	04139	15600	35620	81630		
Leuchars	171	12508	80011	03035	15600	34715	81640		
Dyce	091	12603	50041	03133	00901	31619	81070		
Wick	075	12215	82020	00737	18400	31721	81818		
Cape Wrath	049	72724	81818	97637	735++	37735	87920		
Sule Skerry	010								
Lerwick	005	42013	81258	97640	43400	38721	83915		
Stornoway	026	22710	74268	00035	29400	32819	82918		
Benbecula	022	72726	66878	01039	794++	35818	83715	86920	
Tiree	100	72514	66258	02940	494+2	38724	81715	84929	
Aldergrove	917	22407	74021	06236	25640	35720	82630		
Malin Head	980	32917	80258	05242	39500	35718	83920		
Belmullet	976	33016	74018	08542	33500	36718	83920		
Birr	965	42805	66015	09238	25602	36714	82633	84075	
Collinstown	969	63005	69016	07239	50938	37711	85358	86070	
Rineanna	962	32806	80011	09638	12530	35714	81825	83359	
Roches Point	952	23511	80016	09542	15672	39602	81635		
Valentia	953	23611	80016	11145	22500	38808	82822		

OBSERVATIONS during DAY

Station	iii	$R_RT_xT_xE$	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Kew	775	01441	000	$d_0d_0$ffir_0ff	drd_0d_0FF
London Airport	772	01441	000	FF$d_0d_0r_0r_0d_0d_0$	$d_0d_0$fddFF
Gatwick	776	01411	000	d_0d_0fFF	FF$d_0r_0d_0d_0$
Thorney Island	871	03452	000	$d_0d_0$ff	fid$_0$fdrFd_0d_0F
Hurn	862	04461		rrfr_0r_0fd_0d_0	$d_0d_0$ffid$_0$
Guernsey	894	02491	000	d_0d_0	d_0d_0f
Felixstowe	697	02432	000	+	r_0r_0f
Gorleston	497	93432	000	ffir_0	$ir_0d_0d_0$
Mildenhall	578	01441	000	$r_0r_0$ffid$_0$ir_0	ffir_0irFFid$_0$
Cardington	559	92441	000	FFid$_0$i$r_0$ff	FFff
West Raynham	485	97421	000	FFif	ifFFid$_0$
Wittering	462	00451	000	FFff	ff
Boscombe Down	746	01451	000	FF$d_0d_0$ff	id$_0$ffddFF
Ross-on-Wye	627	04462	000	ffir_0	$r_0r_0$fidfrr
Bristol	628	02461	000	ffir_0	id$_0$ddir_0
Aberporth	502	08491	000	d_0r_0fF	drfddr$_0r_0$
Rhoose (Cardiff)	715	01481	000	id$_0$ffidff	ffFidff
Plymouth	827	97491	000	ff	id$_0$fid$_0$
Chivenor	707	94491	000	fid$_0$f	id$_0d_0d_0$
St. Mawgan	817	01491	000	id$_0$Fd_0r_0f	id$_0$id
Culdrose	809	94491	000	ffd_0d_0	id$_0$
Scilly	804	93501	000	id$_0$	id$_0$
Elmdon	534	96471	000	FFid$_0$f	id$_0fr_0r_0$fid$_0$
Shawbury	414	93481	000	ffid$_0d_0d_0$	idid$_0$
Manchester	334	01461	000	$d_0d_0$ffFF	id$_0$FFr_0r_0
Squires Gate	318	96461	000	d_0r_0FFFffir_0	d_0r_0
Valley	302	06491	000	d_0r_0	$d_0d_0r_0r_0ir_0$
Ronaldsway	204	93481	000	$ir_0d_0d_0$	$id_0d_0r_0$
Silloth					
Watnall	354	91451	000	F	firid_0f
Spurn Head	396	00450	000	+	ff
Finningley	360	94471	000	FFir_0ff	ffd_0r_0
Dishforth	261	97481	000	ffFFir_0	fir_0
Tynemouth	262	92481	007	ir_0ff	ir_0
Eskdalemuir	162	00451	006	+	+
Mull of Galloway	131	91452			
Prestwick	135	97471	022	pr_0	+
Renfrew	141	93471	025	+	pr_0
Leuchars	171	95431	005	$d_0d_0r_0r_0$	+
Dyce	091	97423	008	ir_0	+
Wick	075	00401	033	+	+
Cape Wrath	049	01461		pr_0	pr
Sule Skerry	010	07451			
Lerwick	005	03422	003	pr_0	pr_0prpr_0
Stornoway	026	03412	020	prpRpr_0	pr_0prsph_0
Benbecula	022	03441	014	pr_0prhpn	pr_0ph_0
Tiree	100	03461	025	$pr_0pr_0h_0$prh	pr_0prpr_0h_0
Aldergrove	917	00431	016	+	+
Malin Head	980	0248	032		
Belmullet	976	9247	041		
Birr	965	0144	000		
Collinstown	969	0245	000		
Rineanna	962	9445	001		
Roches Point	952	9747	000		
Valentia	953	9347	003		

Code FM 21.A

OCEAN WEATHER STATION REPORTS at 12h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_s$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
A	10620	32912	83216	80022	27537	855++	00217	+++++	+++++	05727	13234
B	10565	51012	82034	62215	12241	884++	00327	88815	88640	00337	11949
C	10528	35512	82705	69022	36641	855++	00115	88623	+++++	05536	12923
D	10440	41012	71405	72032	35654	755++	00303	87634	+++++	05450	11425
I	10588	19112	53245	98858	10239	59400	71803	81915	84320	06131	18142
J	10528	19412	53323	98151	20745	43502	00200	81920	84825	05538	13446
K	10449	16212	62106	70025	14954	58442	00806	85816	83360	05252	100+0
M	13660	02012	61020	70276	98839	69402	21716	85912	+++++	05536	11033

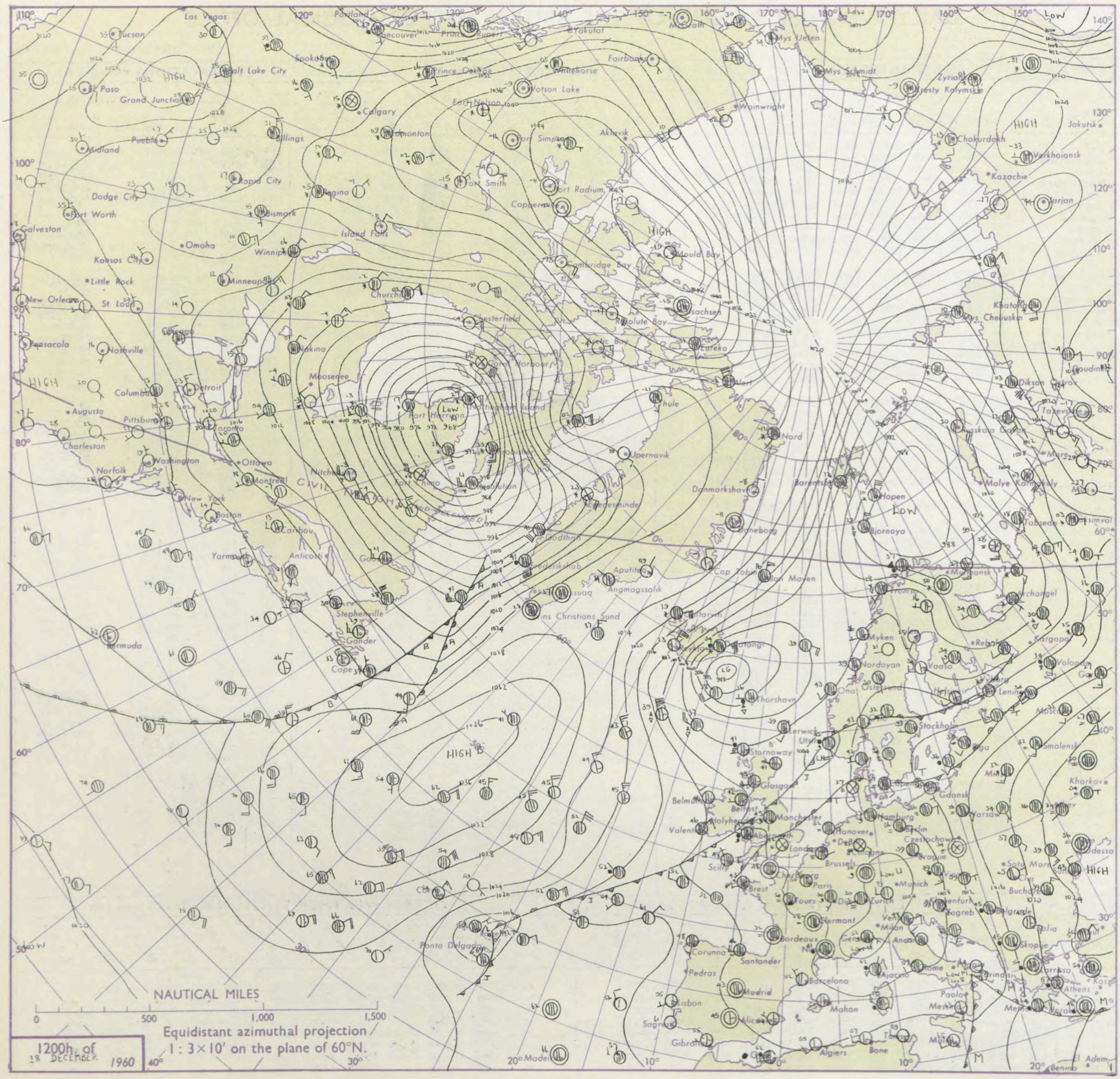
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_s$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
A	10620	32918	70000	80022	27837	5557+	00303	+++++	+++++	05728	100++
B	10565	51018	82025	65022	13637	854++	00303	88615	+++++	05129	12149
C	10528	35518	62507	69012	34644	25501	00805	82625	83099	00037	12823
D	10440	41015	81408	72022	35255	856++	00803	88635	+++++	05341	10822
I	10589	19215	73245	97858	09637	794++	71706	84915	87825	06230	18144
J	10527	19218	33526	98258	18646	39403	00603	83918	+++++	05439	13448
K	10449	16318	71807	65038	13154	6854+	00603	82820	86633	05350	100+0
M	13661	02118	61407	75038	97241	58440	00711	83815	+++++	05534	11233

All times of observation printed in this publication are GREENWICH MEAN TIME.

SIR GRAHAM SUTTON, C.B.E., D.Sc., F.R.S., Director General. Meteorological Office, Air Ministry, Kingsway, London, W.C.2

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WEST EUROPE

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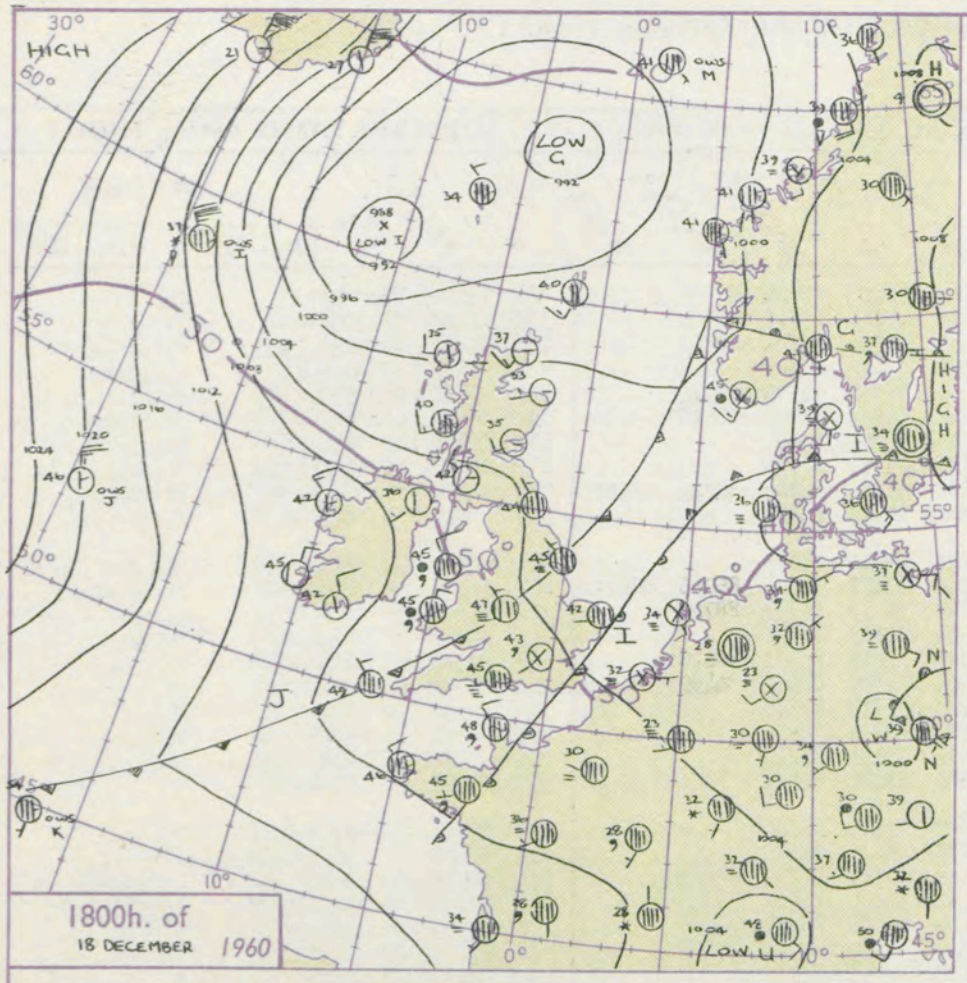

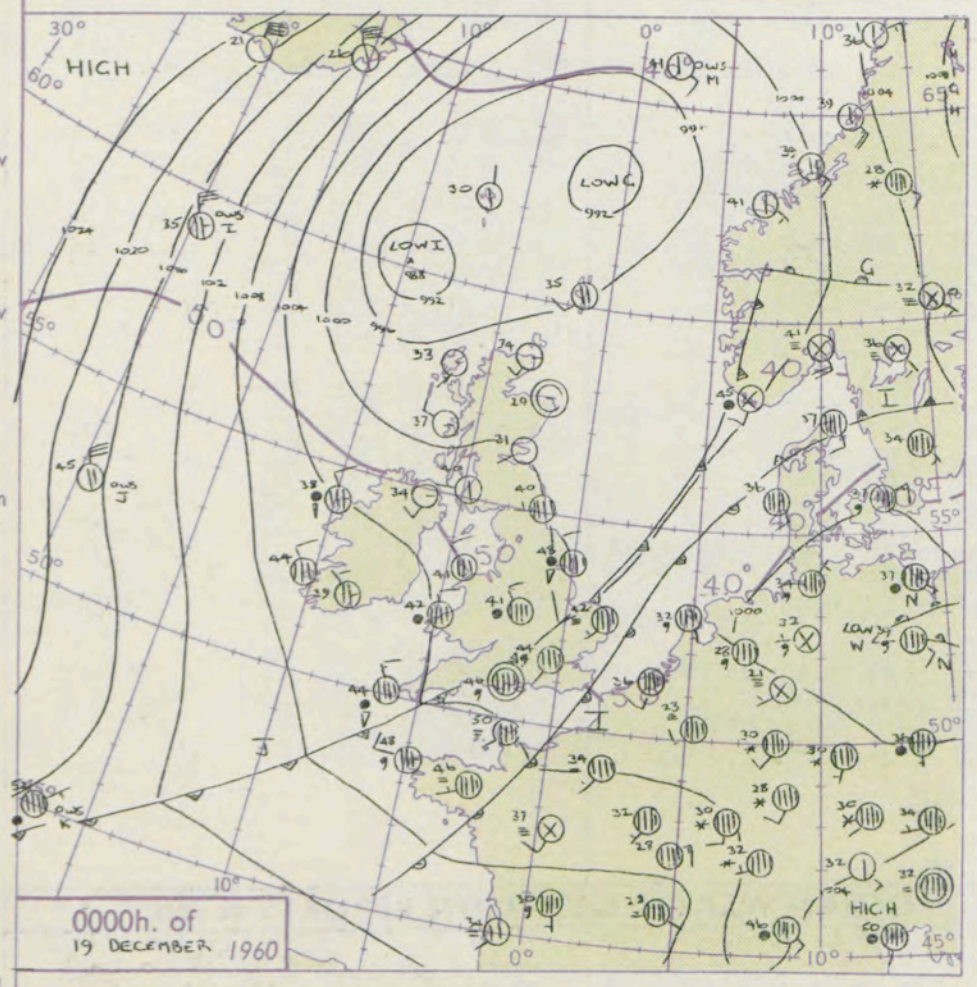

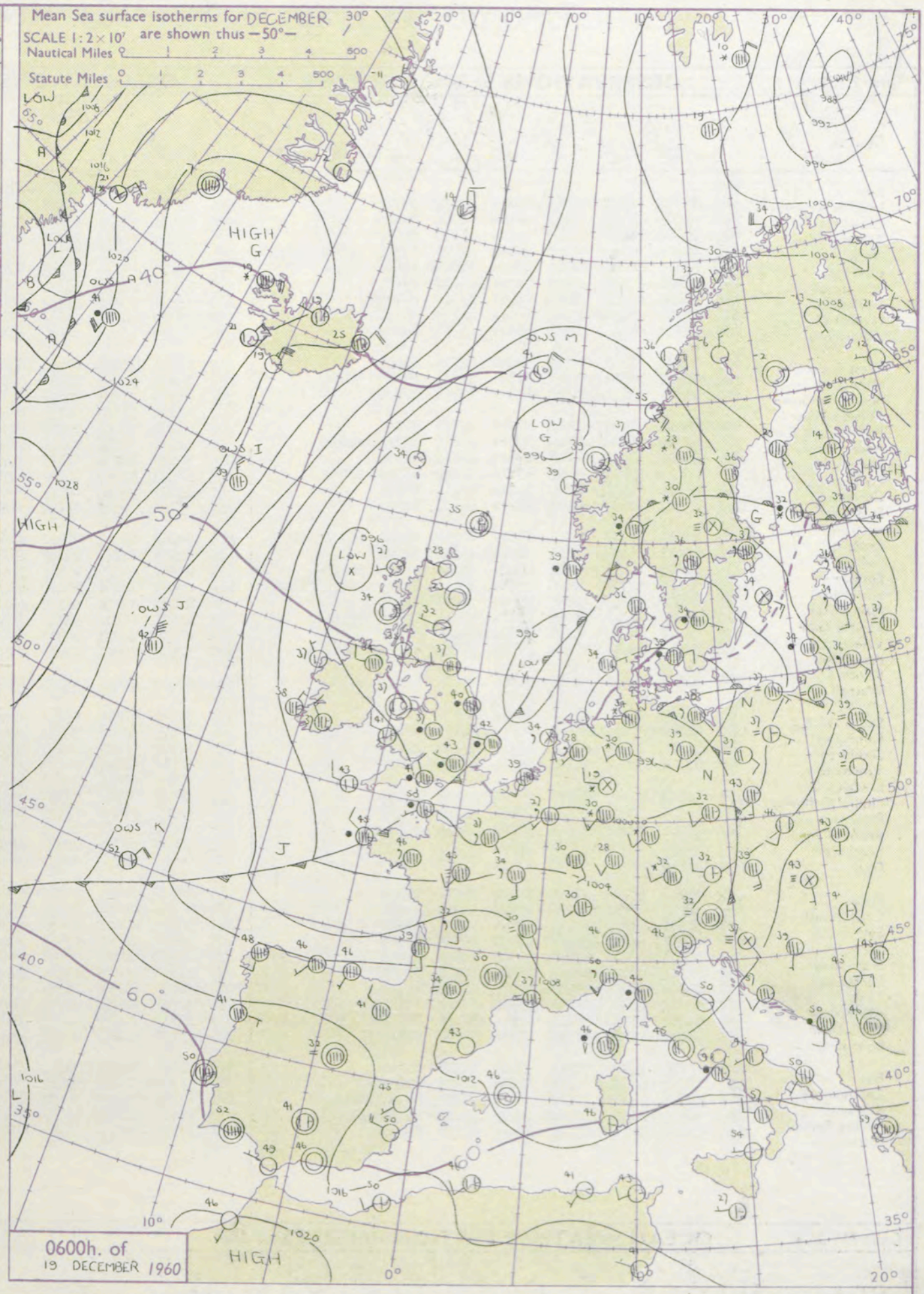

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Monday 19 December 1960

A depression near Iceland split and part moved towards Norway while part moved towards Scotland. Another depression moved northwards over Europe while yet another formed over the North Sea. A cold front moved very slowly southeastwards over England and Wales. The cold front will continue to move southeastwards to clear the British Isles and cold north to northeast winds will blow round an area of low pressure to the east and south of Britain.

FORECAST for Great Britain and Northern Ireland until noon tomorrow

Rain in the southeast will clear slowly, followed by clearer weather tonight apart from fog patches. Cold northerly winds will spread southwards bringing snow showers to most districts but especially to the north and east. Slight or moderate frost will occur widely tonight.

OUTLOOK for the following 24 hours:-

Cold with bright periods and snow showers, but perhaps more general sleet or snow in some western districts.

Code FM 11.A

OBSERVATIONS at 00h. 19 December 1960

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_d app	$8N_ch_sh_s$	$8N_ch_sh_s$	$8N_ch_sh_s$
Kew	775			44					
London Airport	772	82302	10515.	00944.	861++'	44717	88702		
Gatwick	776	92001	01515	01442	9+0++	42716	89+03		
Thorney Island	871	90000	01506	01545	9+0++	45718	89+01		
Hurn	862	80000	05595	01746	572++	45721	82703	85704	88707
Guernsey	894	82611	66025	04749	4547+	47811	84616	88458	
Felixstowe	697	92808	03476	00241	9+0++	41720	89+01		
Gorleston	497	82402	05465	01042	862++	42717	88703		
Mildenhall	578	92703	03436	00044	9+0++	44720	89+01		
Cardington	559	83302	06536	00645	861++	45717	88702		
West Raynham	485	93204	F4475	99942	9+0++	42715	89+00		
Wittering	462	83412	12535	00243	771++	42721	87703	88706	
Boscombe Down	746	92901	03415	01845	9+0++	45719	89+00		
Ross-on-Wye									
Bristol	628	80307	21586	03042	872++	42710	88703		
Aberporth	502	83509	56636	03642	374++	40616	83711	88622	
Rhoose (Cardiff)	715	82402	03605	02046	870++	46616	88701		
Plymouth	827	83013	28505	02948	672++	47720	86705	88714	
Chivenor	707	83312	74025	02945	854++	43714	88614		
St. Mawgan	817	83513	23535	04444	872++	44806	88703		
Culdrose	809	83513	30515	06245	6732+	44704	82705	86708	88558
Scilly	804	83413	66808	05644	885++	43711	88820		
Elmdon	534	83314	35636	01841	5742+	40716	85710	88520	
Shawbury	414	83103	59636	02040	3742+	39821	83710	86618	88527
Manchester	334	80000	20616	01940	855++	39716	88620		
Squires Gate	318	83305	56046	01843	2857+	39720	81825	88358	
Valley	302	63208	66026	02841	35602	38720	83630	86075	
Ronaldsway	204	33108	83011	02440	12542	35825	81820	83075	
Silloth									
Watnall	354	83609	19616	01140	555++	39716	82710	88622	
Spurn Head	396	83210	16808	99948	864++	42724	88710		
Finningley	360	83307	48616	01242	355++	40717	83621	88635	
Dishforth	261	83004	66216	01041	857++	38728	88650		
Tynemouth	262	82706	48022	01140	856++	35717	88636		
Eskdalemuir									
Mull of Galloway	131	23207	82020	99939	25500	36737	82620		
Prestwick	135	22706	70018	00440	25600	36721	81716		
Renfrew	141	52403	37041	00635	55700	33718	85643		
Leuchars	171	02602	66020	99631	00900	30717			
Dyce	091	10000	69020	00429	15600	27613	81650		
Wick	075	12008	83020	99034	11400	29711	81818		
Cape Wrath	049	42713	83028	96637	43500	34709	84925		
Sule Skerry	010	82705	84808	96737	535++	34704	85920		
Lerwick	005	42408	82258	96535	48400	34703	82815		
Stornoway	026	12205	80028	98033	19500	31609	81920		
Benbecula	022	32717	80028	98438	33500	30714	83924		
Tiree	100	12909	86018	99637	18500	31720	81820		
Aldergrove	917	12009	66010	02234	15500	33725	81625		
Malin Head	980	81607	66258	00838	835++	36725	88923		
Belmullet	976	73211	66808	03338	734++	34726	87918		
Birr	965	12106	74020	04935	15600	34727	81630		
Collinstown	969	12708	66021	03234	15600	32826	81635		
Rineanna	962	63009	74808	05139	635++	37732	84925	86650	
Roches Point	952	52907	80031	06739	25602	36720	82645	85070	
Valentia	953	73108	69258	07144	735++	37733	87920		

OBSERVATIONS at 06h. 19 December 1960

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_d app	$8N_ch_sh_s$	$8N_ch_sh_s$	$8N_ch_sh_s$
Kew	775	83004	23586	97444	672++	42610	87604	88706	
London Airport	772	82905	35586	97443	371++	42716	83703	88705	
Gatwick	776	82501	16606	97443	872++	43720	86704	88706	
Thorney Island	871	93301	03515	97545	9+0++	45718	89+02		
Hurn	862	83309	37636	98941	472++	39712	84704	88610	
Guernsey	894	83318	63636	00845	854++	43518	82703	88616	
Felixstowe	697	90000	03516	96742	9+0++	42716	89+01		
Gorleston	497	82802	10615	97442	862++	42717	88703		
Mildenhall	578	80210	32616	97142	472++	41714	82704	84705	88707
Cardington	559	83205	40636	98040	873++	39516	88708		
West Raynham	485	80111	48636	97341	872++	40714	88703		
Wittering	462	83615	37636	97738	3712+	37717	83704	85706	88527
Boscombe Down	746	83308	37596	99339	673++	38713	86707	88710	
Ross-on-Wye	627	82102	57616	99238	8042+	37815	88510		
Bristol	628	83206	56616	00238	673++	37814	86706	88618	
Aberporth	502	52912	69258	99841	28570	35720	82620	84459	
Rhoose (Cardiff)	715	70000	69216	00339	756++	39716	87630		
Plymouth	827	63105	61026	00842	65700	40714	86656		
Chivenor	707	33307	79016	00339	32400	36720	83818		
St. Mawgan	817	33309	80026	01142	38500	37622	82820		
Culdrose	809	23108	69016	02540	25500	35721	82620		
Scilly	804	52809	82016	02943	58400	38821	84814		
Elmdon	534	83601	66616	99537	3742+	36715	83710	88522	
Shawbury	414	80000	69606	99238	454++	37615	84618	88625	
Manchester	334	82103	17106	98738	4547+	36616	84618	88460	
Squires Gate	318	83502	61032	98440	785++	37615	81822	87649	
Valley	302	20000	74021	98837	21500	34720	82820		
Ronaldsway	204	52806	80021	98939	11532	34717	81820	83359	
Silloth									
Watnall	354	80000	48616	98637	454++	36616	82709	84618	88621
Spurn Head	396	83310	57618	97740	864++	39714	88710		
Finningley	360	82602	40026	98139	858++	37721	88656		
Dishforth	261	73602	66021	98137	50932	35716	85359	87075	
Tynemouth	262	82712	61022	98537	3561+	34713	83636	88458	
Eskdalemuir	162	90000	03454	99927	9+0++	27716			
Mull of Galloway	131	33210	82030	97938	35500	35717	83620		
Prestwick	135	31203	70258	97735	38400	34715	81818	83640	
Renfrew	141	30000	20102	98433	35600	31609	83640		
Leuchars	171	12906	66020	98032	15700	29608	81650		
Dyce	091	00000	56040	99423	00900	23706			
Wick	075	02710	82020	98828	00900	23303			
Cape Wrath	049	61805	81851	97533	635++	33211	86920		
Sule Skerry	010	32502	85018	96139	33500	31202	83920		
Lerwick	005	30000	82028	97335	38400	33308	82818		
Stornoway	026	12407	82030	98227	19500	25306	81920		
Benbecula	022	21808	80020	97932	22500	32303	82820		
Tiree	100	20000	80278	98134	23500	33602	82920		
Aldergrove	917	82709	62022	98834	662++	34716	81702	86703	88706
Malin Head	980	23307	74018	98137	23500	32710	82920		
Belmullet	976	23107	80018	00337	22500	29714	82820		
Birr	965	12603	74011	00033	15600	32722	81630		
Collinstown	969	72708	74018	99234	762++	33714	84704	87656	
Rineanna	962	12906	74028	01234	12500	32715	81820		
Roches Point	952	73213	80216	01237	37402	34719	83714	87070	
Valentia	953	60107	66278	02738	635++	33719	86923		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_hE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Kew	775	04391	39	ffFF	FFffrr
London Airport	772	05392	37	FFddfrr	frr
Gatwick	776	01441	40	$d_od_ofd_or_of$	$d_or_ofr_or_o$
Thorney Island	871	02401	40	d_od_oF	$r_or_od_or_o$
Hurn	862	03391	38	fid_o	$d_od_orrr_or_o$
Guernsey	894	05431	42	+	$ir_orriRr_or_o$
Felixstowe	697	04412	40	d_or_off	$Fd_od_orrr_or_of$
Gorleston	497	03422	42	id_offid_of	$id_ofr_or_o$
Mildenhall	578	08401	39	$FFid_oir$	$rrr_or_od_or_o$
Cardington	559	10382	37	ffddrr	d_od_orr
West Raynham	485	07381	39	$FFid_o$	r_or_orr
Wittering	462	09371	36	ffddDDRR	rrRRr_or_o
Boscombe Down	746	05361	36	d_od_off	r_or_o
Ross-on-Wye	627	06362	32	$ir_or_or_o$	rrr_or_o
Bristol	628	07371	30	$ir_or_or_odd$	$r_or_oir_o$
Aberporth	502	03361	29	r_or_orr	pr_o
Rhoose (Cardiff)	715	07341	28	id_offrr	r_or_o
Plymouth	827	01391	30	id_orr	r_or_o
Chivenor	707	03391	38	$d_od_or_or_o$	pr_o
St. Mawgan	817	05391	34	id_oddrr	+
Culdrose	809	03371	30	$id_od_od_or_or_o$	pr
Scilly	804	03422		$id_od_od_oir_or_or_o$	prir
Elmdon	534	07362	35	id_orr	$rrr_or_od_od_o$
Shawbury	414	05361	29	$id_or_or_orr$	$r_or_oid_oir_o$
Manchester	334	01391	35	$r_or_orrr_or_o$	ffFFff
Squires Gate	318	97321	27	ir_o	ifiFFF
Valley	302	00361	27	+	+
Ronaldsway	204	91341	29	+	pr_o
Silloth					
Watnall	354	05361	35	$id_offirr_or_orr$	r_or_orr
Spurn Head	396	04392		$ir_or_or_o$	$r_or_oir_o$
Finningley	360	03381	36	rr	if
Dishforth	261	97351	31	ir_o	+
Tynemouth	262	00351	32	+	+
Eskdalemuir	162	00221	18	+	ffjf
Mull of Galloway	131	92341			
Prestwick	135	94341	33	pr_o	pr_o
Renfrew	141	00303	24	+	f
Leuchars	171	00283	21	+	+
Dyce	091	00223	16	+	+
Wick	075	00253	19	+	+
Cape Wrath	049	91331	30	+	ps
Sule Skerry	010	92351	31		
Lerwick	005	03323	25	pr_o	pr_o
Stornoway	026	97263	19	ps_o	+
Benbecula	022	97293	23	pr_o	+
Tiree	100	01335	25	+	$prhpr_oh_o$
Aldergrove	917	97331	27	+	id_o
Malin Head	980	04331	30		
Belmullet	976	03351	29		
Birr	965	97303	27		
Collinstown	969	97331	30		
Rineanna	962	03321	27		
Roches Point	952	01361	33		
Valentia	953	05351	32		

Code FM 21.A

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_ch_sh_s$	$8N_ch_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
A	20619	33100	81625	70602	26639	4743+	00712	+++++	+++++	05532	11633
B	20565	51000	82530	69022	18333	856++	00241	88630	+++++	05525	12449
C	20528	35500	12007	69021	34944	15500	00002	81625	+++++	00040	12823
D	20440	41000	81613	72022	34454	856++	00000	88640	+++++	05439	11222
I	20590	19500	53333	96268	14635	53400	71225	85915	+++++	06431	18440
J	20527	19200	43332	97258	17045	49400	00716	84918	+++++	05542	13449
K	20450	16200	80504	60616	15252	7644+	00310	86715	83360	05550	100+0
M	23661	02100	21008	80028	98141	18540	81820	+++++	+++++	05536	100+0

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_ch_sh_s$	$8N_ch_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
A	20620	33206	81832	60636	19641	6742+	00747	+++++	+++++	05237	11837
B	20565	51006	62526	69022	22529	65500	00114	86625	+++++	05919	12448
C	20528	35506	52313	69022	33745	55500	00810	85625	+++++	00039	12823
D	20440	41006	81613	72022	33756	855++	00707	88635	+++++	05241	11422
I	20591	19406	73426	98031	17739	756++	00222	87630	+++++	06131	18440
J	20526	19206	63540	97258	15342	634++	81400	86916	+++++	05838	18442
K	20449	16306	50220	65016	15552	555++	00302	85623	+++++	05445	11055
M	23659	02106	20218	75028	98941	29400	11205	82915	+++++	05537	149+4

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DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 36188

Date of Issue Tuesday 20 December 1960

Code FM 11.A

OBSERVATIONS at 12h. 19 December 1960

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_d app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775	83211	37636	98139	6722+	35705	86705	88512	
London Airport	772	83010	56616	97137	4732+	36704	84707	85712	88525
Gatwick	776	83208	40616	96939	653++	37702	86708	88620	
Thorney Island	871	73204	62026	97739	664++	37702	81708	87625	
Hurn	862	73405	66016	98640	28431	37806	81812	83359	85078
Guernsey	894	63008	82036	00146	32402	36710	83816	86075	
Felixstowe	697	83608	26516	94832	672++	43709	86703	88706	
Gorleston	497	83610	36636	95244	863++	44716	88706		
Mildenhall	578	83511	48636	96538	873++	37605	82704	88706	
Cardington	559	83205	48606	97539	5732+	37706	85708	88520	
West Raynham	485	83610	56636	95938	6722+	37708	86705	88515	
Wittering	462	83307	37606	97239	373++	37606	83708	88630	
Boscombe Down	746	73305	62016	98538	754++	37808	87610		
Ross-on-Wye	627	61902	77021	97741	18501	37813	81825	86075	
Bristol	628	70000	14102	98741	21501	41213	82822	87075	
Aberporth	502	71902	87808	97838	734++	35813	81918	87635	
Rhoose (Cardiff)	715	50000	66011	98441	28542	36714	82820	85070	
Plymouth	827	70604	23042	98143	38432	41825	81818	83650	85360
Chivenor	707	70606	66158	97944	58402	39719	83818	84630	86073
St. Mawgan	817	81907	62618	98141	5847+	40723	81709	84812	85630
Culdrose	809	82201	66218	99141	6842+	39723	82712	83818	85459
Scilly	804	83412	63608	98641	864++	39717	88710		
Elmdon	534	63207	20285	98140	38530	37708	81820	83645	85358
Shawbury	414	52602	59036	97741	18501	36811	81820	84070	
Manchester	334	70000	06464	97838	756++	37706	87635		
Squires Gate	318	71301	22258	97539	69563	37708	81920	86656	
Valley	302	80905	74908	97537	884++	34708	83912	88630	
Ronaldsway	204	70113	66808	98237	724++	36602	82713	87818	
Silloth									
Watnall	354	63303	06046	97239	50972	36706	85361	86070	
Spurn Head	396	83412	48606	96842	864++	41705	88710		
Finningley	360	73505	20284	97639	757++	36805	87650		
Dishforth	261	73408	56052	97639	58678	35705	81830	85640	
Tynemouth	262	73208	32022	98338	5567+	34602	85630	87358	
Eskdalemuir	162	42701	82031	99733	30981	29501	83359	83072	
Mull of Galloway	131	73607	82626	97838	4342+	35313	84915	87459	
Prestwick	135	70306	28048	98938	784++	35207	83815	87635	
Renfrew	141	60000	13044	99436	45731	28106	84650	85358	
Leuchars	171	43201	56041	99431	18531	29207	81820	83070	
Dyce	091	63207	66042	00832	10935	27207	81365	86270	
Wick	075	22505	89030	01030	12501	26209	81820		
Cape Wrath	049	72305	82858	99735	795++	35208	87925		
Sule Skerry	010	43202	85018	99538	435++	33211	84920		
Lerwick	005	10000	83010	99337	18401	32108	81817		
Stornoway	026	12605	82018	00734	19500	32307	81925		
Benbecula	022	30000	74150	01032	39400	29212	81915		
Tiree	100	50609	89028	00537	32532	34213	83822	83359	
Aldergrove	917	73504	58042	99534	363++	33305	83708	85712	87630
Malin Head	980	70620	61808	00136	734++	34314	84710	87916	
Belmullet	976	73619	80278	00139	694+3	36501	86919	87069	
Birr	965	12604	82020	00137	15600	32804	81635		
Collinstown	969	32911	78011	98635	28409	31706	81710	83170	
Rineanna	962	32903	86011	00238	33531	33708	81920	83635	
Roches Point	952	13109	74021	00438	18402	33809	81818		
Valentia	953	43508	80258	02040	23501	37708	82920	84067	

OBSERVATIONS at 18h. 19 December 1960

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_d app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775	83103	44042	96341	8092+	36502	88499		
London Airport	772	83005	32046	96539	855++	37301	82615	88621	
Gatwick	776	82901	48106	96538	854++	37300	88614		
Thorney Island	871	70000	48022	97139	755++	36101	82710	87626	
Hurn	862	60903	48042	97137	14508	35505	81625	86270	
Guernsey	894	82006	70218	96441	7867+	39718	83820	86630	
Felixstowe	697	83415	60506	94538	574++	36102	82708	85710	88632
Gorleston	497	83308	58616	93742	7732+	42605	87708	88520	
Mildenhall	578	83107	58616	95438	774++	37505	87711	88714	
Cardington	559	72902	14106	96736	754++	35102	87615		
West Raynham	485	83410	56636	94839	6742+	38705	82708	86710	88513
Wittering	462	83307	23036	96238	6567+	36601	86630	87465	
Boscombe Down	746	30000	48102	97336	15501	35604	81625	83070	
Ross-on-Wye	627	60802	48021	96836	55501	34203	85625		
Bristol	628	20000	14102	97236	00901	35801	82075		
Aberporth	502	80702	59638	97037	4742+	36301	84712	88520	
Rhoose (Cardiff)	715	60705	59042	96636	12532	33606	81820	86070	
Plymouth	827	80108	32616	95839	4542+	37703	84610	88522	
Chivenor	707	80306	58616	96437	6552+	36301	81708	86621	88540
St. Mawgan	817	73414	74216	96640	6847+	34703	83815	86629	
Culdrose	809	73515	60026	97439	32321	31702	82708	86459	
Scilly	804	33517	82018	97741	31400	30103	83816		
Elmdon	534	70000	05464	97235	00907	35202	87270		
Shawbury	414	50000	37102	97332	24601	31102	82640	85070	
Manchester	334	00000	03424	97335	00900	34305			
Squires Gate	318	10307	18044	98136	15801	33308	81657		
Valley	302	40000	66018	97535	48400	34304	83815	84635	
Ronaldsway	204	40210	74029	99336	12402	33311	81818	84070	
Silloth									
Watnall	354	83606	09041	96836	00907	33400	88270		
Spurn Head	396	83312	57616	95340	864++	38706	88710		
Finningley	360	73508	26022	96938	15732	36301	81650	86360	
Dishforth	261	63508	23051	97436	457+8	33301	84656	83275	
Tynemouth	262	70121	58028	97642	756++	37703	87636		
Eskdalemuir	162	63604	56022	01033	6073+	30313	86358		
Mull of Galloway	131	43612	80016	99637	3544+	35318	83615	83360	
Prestwick	135	00503	24041	01431	00900	29220			
Renfrew	141	20000	03464	01729	15730	27217	81650		
Leuchars	171	53406	60021	01330	15630	26215	81645	85358	
Dyce	091	43208	62011	02231	15702	27208	81650	84070	
Wick	075	12708	89020	03126	19400	24212	81915		
Cape Wrath	049	52302	83028	02536	585++	36212	85825		
Sule Skerry	010	53202	82038	01639	534++	34210	85915		
Lerwick	005	23206	82020	01131	22400	28208	82815		
Stornoway	026	12806	83020	04028	19500	27218	81920		
Benbecula	022	13606	83028	04533	19400	32223	81918		
Tiree	100	60412	74271	03836	694++	34322	86918		
Aldergrove	917	23612	62041	01635	15530	31219	81625		
Malin Head	980	30216	89028	03141	33400	29221	83918		
Belmullet	976	33613	80028	04941	33400	34227	83919		
Birr	965	23408	80010	02033	15602	30220	81631		
Collinstown	969	83312	74022	99736	863++	32212	81709	86716	88630
Rineanna	962	13407	82028	03234	18500	32231	81820		
Roches Point	952	13512	80018	00936	18400	30216	81818		
Valentia	953	20220	69018	03542	23500	34212	82923		

OBSERVATIONS during DAY

Station	iii	RRT_TT_E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Kew	775	02441	000	rrr_or_o	+
London Airport	772	02431	000	rrr_or_o	+
Gatwick	776	02431	000	$r_or_od_od_o$	+
Thorney Island	871	93421	004	r_or_o	+
Hurn	862	92423		id_oir_o	ifiF
Guernsey	894	04472	027	+	$prir_orrir_or_or_o$
Felixstowe	697	04432	000	$r_or_ofd_od_or_or_o$	ir_oid_o
Gorleston	497	11452	000	rr	rr
Mildenhall	578	09401	000	$r_or_orrr_or_o$	$r_or_orrr_or_o$
Cardington	559	01402	000	rrr_or_o	id_o
West Raynham	485	01392	000	r_or_orr	r_or_orrdr
Wittering	462	01391	000	r_or_o	r_or_o
Boscombe Down	746	93421	012	r_or_o	+
Ross-on-Wye	627	00441	041	+	+
Bristol	628	00431	022	+	+
Aberporth	502	04401	002	pr_oprhir_o	$r_or_orrr_or_o$
Rhoose (Cardiff)	715	00431	029	+	+
Plymouth	827	10432	014	ir_oiR	$rrRRr_or_o$
Chivenor	707	08442	009	$pr_or_or_o$	$r_or_orrir_o$
St. Mawgan	817	05411	001	pr_oir_oRR	$rrpr_oh_o$
Culdrose	809	05421	000	$prpr_o$	rr
Scilly	804	02451	002	ir_opr	+
Elmdon	534	97411	003	id_off	ff
Shawbury	414	00423	042	jp	+
Manchester	334	00391	000	ff	ffFFff
Squires Gate	318	03411	007	$FFffpr_opr$	ifff
Valley	302	04401	000	pr_ophpr	pr_o
Ronaldsway	204	02401	002	pr_opr	pr_otr_o
Silloth					
Watnall	354	00401	001	+	+
Spurn Head	396	05422	000	ir_oir	r_or_orr
Finningley	360	97411	000	ff	ir_o
Dishforth	261	97391	002	+	$pr_os_oir_o$
Tynemouth	262	01422	000	+	$pr_or_or_o$
Eskdalemuir	162	00353	038	if	+
Mull of Galloway	131	04391			
Prestwick	135	00383	002	+	+
Renfrew	141	00373	000	ff	ff
Leuchars	171	00343	014	+	+
Dyce	091	00333	020	+	+
Wick	075	91315	050	+	ps_o
Cape Wrath	049	94391		ps_o	ps_o
Sule Skerry	010	02403			
Lerwick	005	00403	043	+	+
Stornoway	026	91363	043	ps_o	pr_os_o
Benbecula	022	95421	031	pr_o	$ps_opr_os_o$
Tiree	100	01405	025	jp	ph
Aldergrove	917	00371	000	+	+
Malin Head	980	9343	013		
Belmullet	976	0142	017		
Birr	965	9738	046		
Collinstown	969	0037	026		
Rineanna	962	9140	038		
Roches Point	952	9740	045		
Valentia	953	0343	016		

Code FM 21.A

OCEAN WEATHER STATION REPORTS at 12h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
A	20620	33212	82326	70816	14443	6941+	00614	86910	+++++	05041	12336
B	20565	51012	62527	69858	25629	65500	00217	86625	+++++	05920	12448
C	20528	35512	62015	69031	32446	00908	00603	860++	+++++	00141	12122
D	20440	41012	71210	69022	32956	756++	00803	87636	+++++	05343	11421
I	20588	19312	73420	98022	20138	785++	00006	83825	87640	06227	13437
J	20526	19312	63433	97808	19843	59462	81213	82915	83820	05740	18444
K	20448	16212	63325	60802	19152	62600	00216	86837	+++++	05445	100+0
M	23660	02012	80336	65212	02137	78500	11215	86820	+++++	05834	1534+

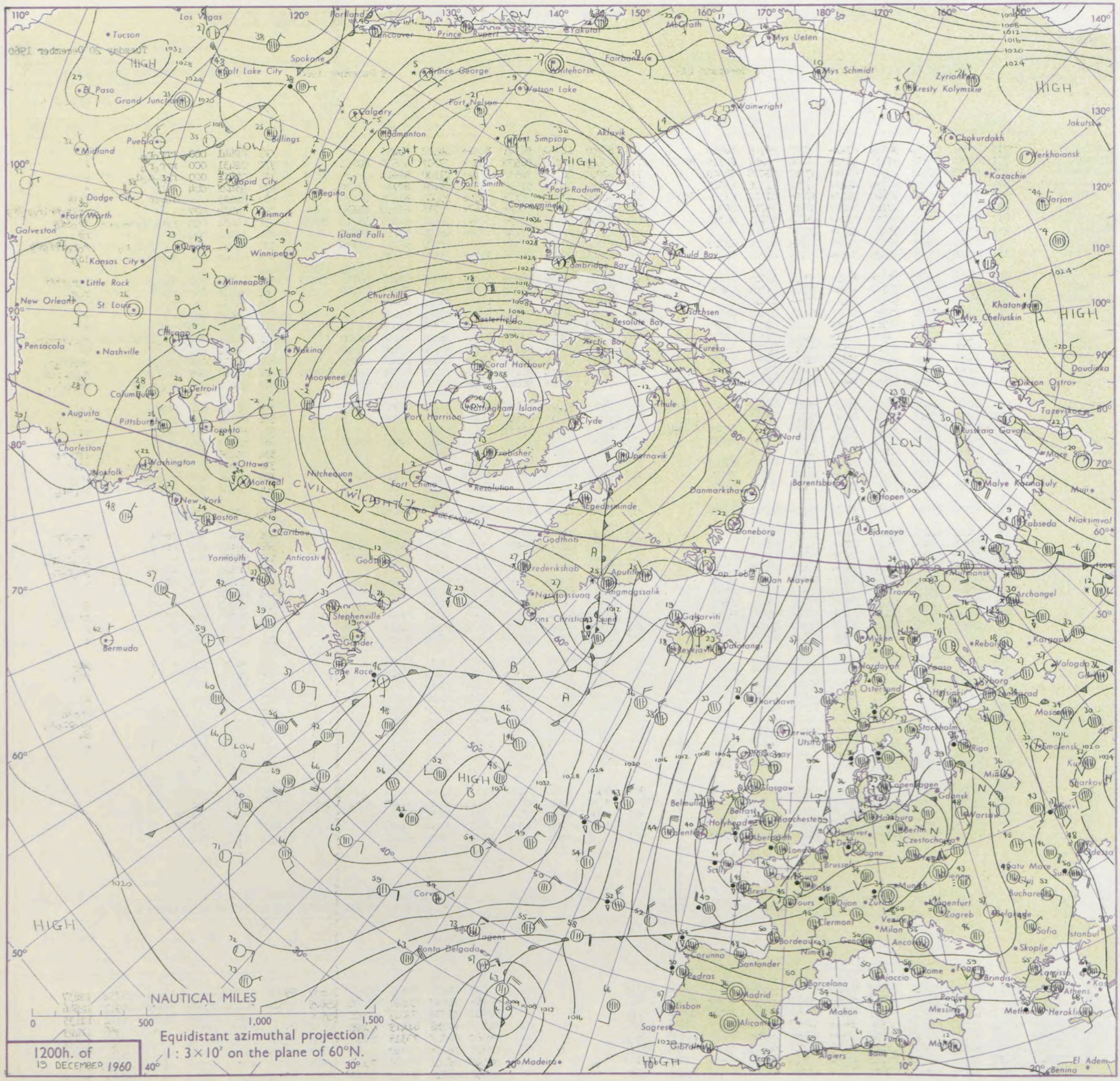
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
A	20620	33018	62832	80808	14637	69400	00315	+++++	+++++	05732	12837
B	20565	51018	52524	69028	25829	55500	00102	85625	+++++	05917	12546
C	20528	35518	72017	69032	29946	50858	00608	81357	84360	00142	12133
D	20440	41018	81419	69022	30857	855++	00603	88631	+++++	05248	11423
I	20587	19318	73318	98022	20740	756++	00802	87630	+++++	06029	13334
J	20529	19218	73330	97258	22245	734++	51218	87918	+++++	05636	18441
K	20446	16418	73626	70028	18650	58502	81213	82830	84643	05543	100+0
M	23660	02318	40329	65262	04936	49300	52211	84910	+++++	05930	15342

All times of observation printed in this publication are GREENWICH MEAN TIME.

SIR GRAHAM SUTTON, C.B.E., D.Sc., F.R.S., Director General. Meteorological Office, Air Ministry, Kingsway, London, W.C.2

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



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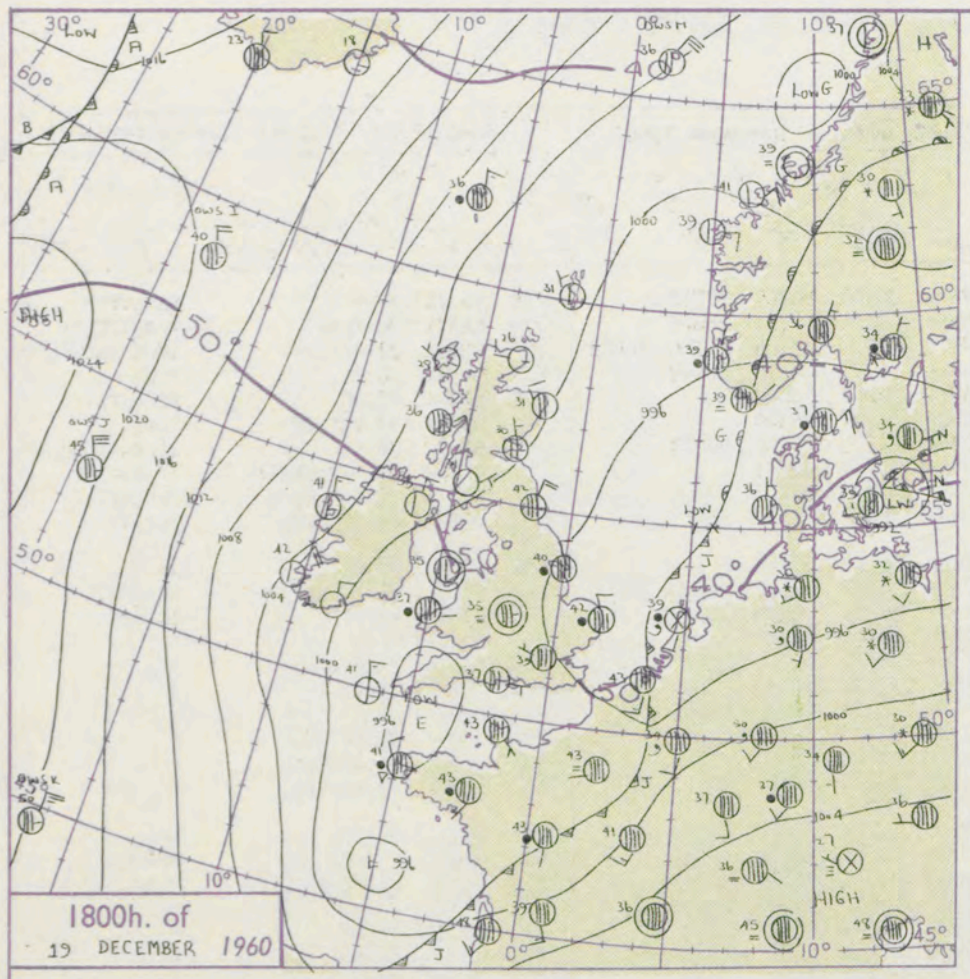

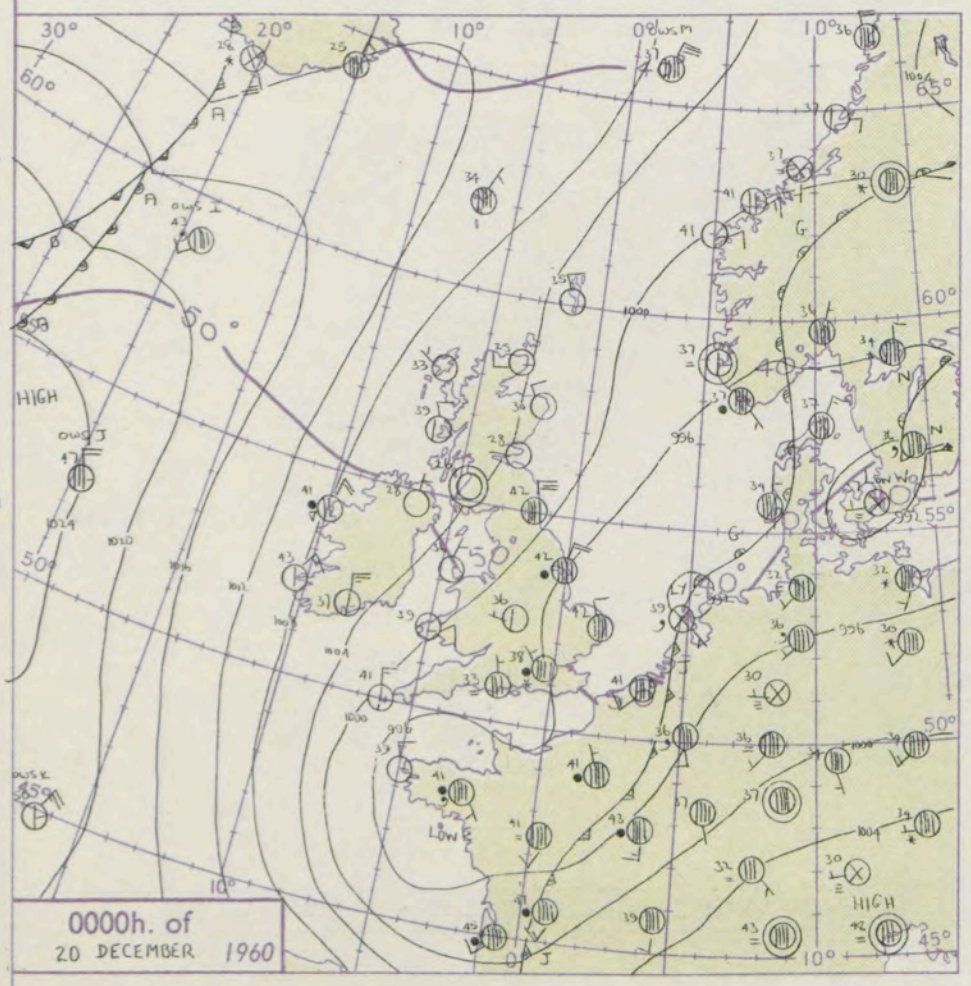

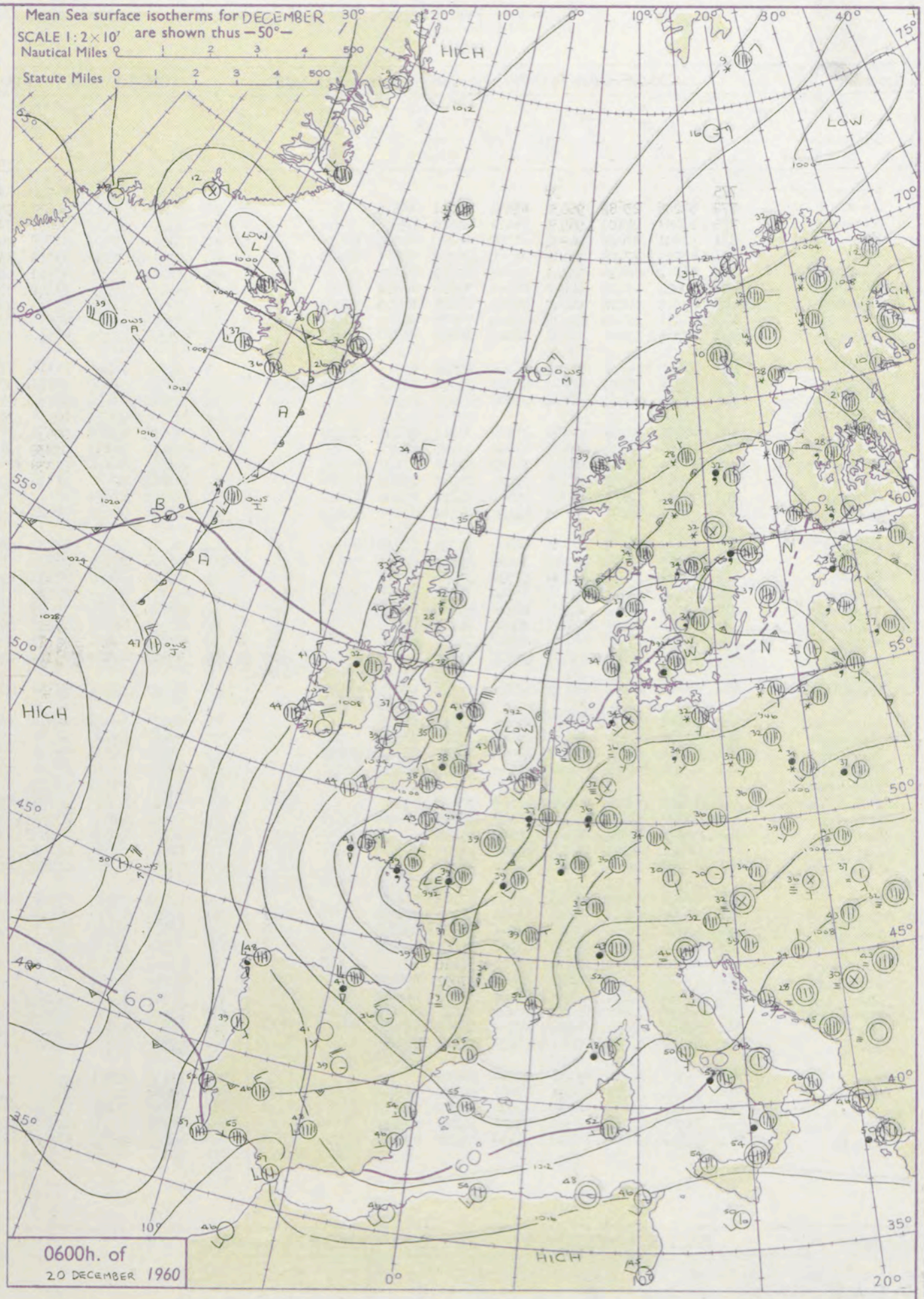

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Tuesday 20 December 1960

A weak cyclonic circulation over and near the British Isles yesterday has moved southeast and will transfer to the Continent and eastern part of North Sea. The occluded front in the northeast Atlantic will move southeast across northern and western areas of the British Isles.

FORECAST for Great Britain and Northern Ireland until noon tomorrow

Cold weather will continue in practically all areas with some frost at night. Rain, sleet or snow in parts of eastern England will become occasional and become confined to the southeast. Scattered wintry showers in other areas but a belt of rain or sleet with snow over over hills will move southeast across Scotland and Northern Ireland to northern England and Wales during tonight and the morning.

OUTLOOK for following 24 hours:

Wintry showers and bright intervals in the north will spread to other areas behind a belt of rain, sleet or snow.

Code FM 11.A

OBSERVATIONS at 00h. 20 December 1960

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775			38					
London Airport	772	83206	23582	96638	855++	35201	88628		
Gatwick	776	82901	24101	96535	854++	34400	88615		
Thorney Island	871	53601	37022	96934	25502	30203	82625	85072	
Hurn	862	63505	17104	97133	35500	32303	83625	85645	
Guernsey	894	81212	66616	95341	855++	39302	88622		
Felixstowe	697	83411	40025	94240	863++	39705	88706		
Gorleston	497	83310	60216	94442	7732+	42205	87708	88520	
Mildenhall	578	83411	32616	95439	652++	38603	86705	88615	
Cardington	559	83206	23506	96838	863++	36601	84707	88710	
West Raynham	485	83610	56636	94741	373++	40500	83706	88630	
Wittering	462	83516	19697	97637	6732+	36302	82705	86708	88518
Boscombe Down	746	43406	08461	97834	00902	33205	84070		
Ross-on-Wye									
Bristol	628	60106	28101	98835	45408	33215	84615	86270	
Aberporth	502	10609	74016	00239	17400	33220	81715		
Rhoose (Cardiff)	715	60304	58042	98735	35502	33215	83622	86070	
Plymouth	827	80210	56616	97138	3742+	35212	83710	88525	
Chivenor	707	80606	63216	98940	555++	35220	85620	88627	
St. Mawgan	817	80611	64608	97836	1742+	35311	81710	88526	
Culdrose	809	50208	66258	97838	58400	35306	83815	83645	
Scilly	804	33516	82020	98141	31400	30203	83816		
Elmdon	534	23407	37014	98436	25500	33205	82620		
Shawbury	414	33412	13044	99834	35700	32210	83650	99714	
Manchester	334	73309	24044	99535	7093+	34304	87358		
Squires Gate	318	30110	56040	00538	35600	30205	83630		
Valley	302	00205	66020	01736	00900	34218			
Ronaldsway	204	03614	80021	03236	00900	30114			
Silloth									
Watnall	354	80110	40587	98138	373++	35301	83709	88635	
Spurn Head	396	80118	58616	95842	864++	40202	88710		
Finningley	360	83514	40636	98138	854++	37205	88616		
Dishforth	261	83515	28636	99437	473++	35105	84708	88719	
Tynemouth	262	83532	61028	00142	855++	37207	88625		
Eskdalemuir									
Mull of Galloway	131	13615	82010	03636	15500	30212	81620		
Prestwick	135	00000	19040	04526	00900	24108			
Renfrew	141	00000	15284	04526	00900	25206			
Leuchars	171	02801	66021	03328	00900	23303			
Dyce	091	03209	74011	04330	00900	26208			
Wick	075	12608	82028	05025	12500	23205	81820		
Cape Wrath	049	73202	83851	05936	735++	36211	87920		
Sule Skerry	010	43605	85018	03740	434++	35203	84915		
Lerwick	005	03310	83020	02735	00900	31107			
Stornoway	026	03007	66018	06133	00900	32210			
Benbecula	022	73608	74808	05839	794++	37001	87915		
Tiree	100	23312	86031	05639	28400	35002	81818		
Aldergrove	917	03607	62020	05528	00900	25215			
Malin Head	980	53610	83018	06642	525++	32213	85820		
Belmullet	976	43618	74808	09241	43400	37212	84918		
Birr	965	03305	74010	06131	00900	29015			
Collinstown	969	13411	74027	04134	15500	29119	81626		
Rineanna	962	03312	82010	07734	00900	32221			
Roches Point	952	33525	80011	05337	35600	31224	83640		
Valentia	953	30217	69020	09043	32500	33225	83821		

OBSERVATIONS at 06h. 20 December 1960

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775	83507	62616	96740	673++	36701	86707	88710	
London Airport	772	83310	58617	96638	754++	37501	83711	88628	
Gatwick	776	83410	40517	97937	372++	35702	83704	86706	88708
Thorney Island	871	83510	32601	97238	464++	35301	84716	88629	
Hurn	862	83410	32216	98338	855++	35205	88620		
Guernsey	894	60115	80016	97741	62500	36217	86820		
Felixstowe	697	83509	50636	93342	673++	41709	86708	88711	
Gorleston	497	83310	60218	92743	855++	41709	88621		
Mildenhall	578	83310	58616	94940	3722+	39805	82703	83705	87712
Cardington	559	83308	62216	96940	57420	36201	85712	88523	
West Raynham	485	80218	59616	93341	874++	38813	88711		
Wittering	462	83515	56027	96839	573++	36501	82707	85709	88711
Boscombe Down	746	83410	19616	98836	653++	36202	86709	88618	
Ross-on-Wye	627	23306	70011	00537	26500	32307	82720		
Bristol	628	83509	48608	00638	473++	35311	84708	88625	
Aberporth	502	30120	74011	03839	38500	33214	82820		
Rhoose (Cardiff)	715	63614	66031	01338	2563+	32216	82630	85360	
Plymouth	827	83414	56026	01338	60330	34220	86358		
Chivenor	707	70114	63021	02140	755++	35214	87620		
St. Mawgan	817	60218	76026	02540	55508	35221	85620		
Culdrose	809	60308	66032	02738	685++	34225	82820	86650	
Scilly	804	50322	74138	03044	53400	35231	85912	99249	
Elmdon	534	63114	40026	99935	65600	34305	82625	86645	
Shawbury	414	43317	66031	02035	15703	30212	81656	84070	
Manchester	334	23110	59021	01133	20970	30208	82358		
Squires Gate	318	03510	66021	02736	00900	29208			
Valley	302	00207	74020	04337	00900	30210			
Ronaldsway	204	03612	82020	04734	00900	26101			
Silloth									
Watnall	354	63615	59036	98838	655++	33203	86625		
Spurn Head	396	80131	58636	95241	864++	39707	88710		
Finningley	360	83416	63216	98738	855++	35500	88623		
Dishforth	261	73423	64036	99937	6857+	33601	81825	86638	86459
Tynemouth	262	83220	66022	01538	855++	33206	88625		
Eskdalemuir	162	13604	80020	05429	10930	25008	81358		
Mull of Galloway	131	13610	80020	04833	15500	31219	81620		
Prestwick	135	00000	29040	05722	00900	17206			
Renfrew	141	10000	32040	05623	15600	20105	81630		
Leuchars	171	02804	74020	04228	00900	24400			
Dyce	091	43212	66850	04932	42402	29203	84815		
Wick	075	12707	85020	05627	12500	24204	81820		
Cape Wrath	049	72705	83878	05838	795++	35202	87920		
Sule Skerry	010	33602	85028	04743	33400	36202	83915		
Lerwick	005	33511	83030	03335	38500	34301	82820		
Stornoway	026	13107	74020	07133	19500	31204	81922		
Benbecula	022	80212	59616	08138	864++	37306	88712		
Tiree	100	23515	86018	06940	28500	37206	81820		
Aldergrove	917	72004	62668	06532	364++	30302	83713	87630	
Malin Head	980	70125	69808	07241	734++	38307	87918		
Belmullet	976	43516	74258	11741	43400	35108	84918		
Birr	965	43107	66011	09933	45600	30212	84635		
Collinstown	969	03009	74020	06731	00900	27110			
Rineanna	962	53310	74606	10836	554++	34112	83620	85630	
Roches Point	952	13420	80020	09337	15600	33216	81640		
Valentia	953	70113	69258	12044	735++	38212	87920		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Kew	775	96371	32	+	$r_0r_0$rrRR
London Airport	772	01371	35	r_0s_0	$r_0s_0$irr$_0r_0$
Gatwick	776	02351	31	ir_0	$id_0d_0r_0r_0s_0$rr
Thorney Island	871	91341	26	+	ir_0
Hurn	862	91301	25	iF	$ir_0r_0r_0$
Guernsey	894	09392	37	$r_0r_0$rr	r_0r_0
Felixstowe	697	02392	38	+	$ir_0r_0r_0d_0d_0id_0$
Gorleston	497	02402	39	$r_0r_0pr_0ir_0$	$ir_0d_0d_0ir_0$
Mildenhall	578	08391	38	$r_0r_0d_0r_0$	$r_0r_0$rrr$_0r_0$
Cardington	559	01372	29	$ir_0d_0d_0$	$r_0r_0$ir
West Raynham	485	13392	37	rr	RR
Wittering	462	04371	36	$r_0r_0$rsrr	$r_0r_0$rs
Boscombe Down	746	95331	26	fid_0	$id_0r_0r_0$
Ross-on-Wye	627	00331	22	+	+
Bristol	628	91341	23	pr_0	ir_0
Aberporth	502	00391	31	+	+
Rhoose (Cardiff)	715	00341	29	+	+
Plymouth	827	03361	34	rrr$_0r_0$	+
Chivenor	707	01361	35	$ir_0r_0r_0$	+
St. Mawgan	817	01351	34	pr_0ir_0	+
Culdrose	809	04351	32	ir_0	ir_0
Scilly	804	03402		pr_0	prprhir
Elmdon	534	01311	27	$pr_0id_0r_0r_0$	r_0r_0
Shawbury	414	00323	28	+	+
Manchester	334	00321	28	f	+
Squires Gate	318	00353	28	+	+
Valley	302	00351	28	+	+
Ronaldsway	204	00283	23	+	+
Silloth					
Watnall	354	02351	34	$is_0ir_0id_0$dr	+
Spurn Head	396	12402		$r_0r_0$rr	rr
Finningley	360	01371	36	ir_0id_0	+
Dishforth	261	03361	34	$d_0r_0$rrRR	ir_0
Tynemouth	262	01361	34	pr_0prh	r_0r_0
Eskdalemuir	162	00273	21	+	+
Mull of Galloway	131	00313			
Prestwick	135	00203	16	+	+
Renfrew	141	00193	14	ff	f
Leuchars	171	00263	20	+	+
Dyce	091	97293	24	+	ps_0
Wick	075	00245	20	+	+
Cape Wrath	049	05365	31	$ps_0pr_0s_0$	$ps_0pr_0s_0$
Sule Skerry	010	93381	29		
Lerwick	005	94302	26	+	pr_0
Stornoway	026	02302	26	pr_0s_0	pr
Benbecula	022	11341	30	pr_0pr	pr_0prpRRRrr
Tiree	100	01341	29	pr_0	pr_0
Aldergrove	917	97273	13	pr_0s_0	pr_0
Malin Head	980	04391	35		
Belmullet	976	06371	33		
Birr	965	97293	25		
Collinstown	969	92306	26		
Rineanna	962	97293	24		
Roches Point	952	00351	32		
Valentia	953	01411	38		

Code FM 21.A

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
A	30620	32800	82732	80628	14641	894++	00706	+++++	+++++	05328	12737
B	30565	51000	32318	69021	25030	35500	00000	83630	+++++	05820	12345
C	30528	35500	82018	69022	29147	856++	00705	88635	+++++	00243	12134
D	30440	41000	31620	69251	28557	32500	00720	83830	+++++	05353	11534
I	30588	19100	82312	98505	18543	354++	00717	83618	88630	05736	123+2
J	30528	19600	73320	97031	24947	785++	51113	83818	85625	05338	18441
K	30448	16300	30126	65038	21950	35500	81213	83630	+++++	05639	10258
M	33659	02000	80228	65028	06837	4847+	81501	82810	86358	06027	1++++

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
A	30620	33006	82629	80022	13939	885++	00807	+++++	+++++	05627	12647
B	30565	51006	72030	65858	20534	72500	00722	87830	+++++	05429	12346
C	30528	35506	82015	65612	26546	855++	00815	88630	+++++	00143	12134
D	30440	41006	61826	65028	26659	65600	00705	86635	+++++	00048	11645
I	30588	19006	81813	95516	13547	873++	00724	88708	+++++	05347	120+3
J	30526	19706	53020	97012	24047	58500	51811	81820	84635	05441	18441
K	30450	16306	30127	65010	22650	38400	81307	82816	+++++	05643	15250
M	33660	02106	10217	70261	07336	19400	11705	81915	+++++	06221	10336

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H.M.S.O. Press, M.O. Dunstable.

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 36189

Date of Issue Wednesday 21 December 1960

Code FM 11.A

OBSERVATIONS at 12h. 20 December 1960.

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sC_hh_s$	$8N_sC_hh_s$	$8N_sC_hh_s$
Kew	775	83416	37636	96238	7732+	34806	87707	88520	
London Airport	772	83219	57616	96438	554++	36809	82709	85713	88630
Gatwick	776	83413	50586	96538	553++	34503	85709	88615	
Thorney Island	871	73316	66026	98240	36432	34801	83712	83360	87070
Hurn	862	43317	74036	99841	15632	33805	81630	84070	91127
Guernsey	894	63521	78021	01443	624+2	37113	86818		
Felixstowe	697	83201	62036	93341	754++	39501	82711	87616	88625
Gorleston	497	60000	56402	93343	35476	43205	83618		
Mildenhall	578	83212	56216	93540	573++	40512	85705	88710	
Cardington	559	83118	37686	96137	5732+	34815	85707	88520	
West Raynham	485	70416	28018	93545	372++	44303	83703	86705	86635
Wittering	462	83520	11757	96433	7722+	33806	87704	88510	
Boscombe Down	746	83218	62036	00039	15301	33706	81707	88075	
Ross-on-Wye	627	63410	77030	02140	18506	29102	81825	86075	
Bristol	628	33410	74031	02541	15631	30010	81630		
Aberporth	502	60118	83168	05142	694++	35702	85915		
Rhoose (Cardiff)	715	23006	74021	03540	12540	28003	81820		
Plymouth	827	23210	66021	04042	28530	34003	81820		
Chivenor	707	53417	82031	04244	51500	36203	85822		
St. Mawgan	817	43520	74011	05642	42500	35004	84820		
Culdrose	809	43520	82018	06142	48400	34809	82612		
Scilly	804	30222	81028	07545	29440	39210	82914		
Elmdon	534	83320	14717	01233	3742+	33802	83710	84625	88535
Shawbury	414	73317	61021	03137	15646	31000	81630	87270	
Manchester	334	83212	26701	02934	5577+	29106	85650	87359	
Squires Gate	318	73509	28041	04238	11535	28104	81820	87070	
Valley	302	10208	80020	05842	12500	29205	81822		
Ronaldsway	204	13511	82020	06339	11501	27102	81820		
Silloth									
Watnall	354	83515	14737	99334	873++	33801	82705	88708	
Spurn Head	396	80328	48636	96943	864++	41208	88710		
Finningley	360	83618	56616	99937	5732+	34102	81705	85708	88520
Dishforth	261	73422	62606	01637	3847+	34003	81715	83650	87458
Tynemouth	262	83222	48606	03139	856++	36208	88630		
Eskdalemuir	162	13606	66020	06135	11530	27301	81820		
Mull of Galloway	131	13412	82020	06636	11500	30103	81820		
Prestwick	135	11203	22040	07429	00901	24201	81070		
Renfrew	141	12606	16044	06834	00901	27805	81070		
Leuchars	171	13007	82020	05736	18541	28303	81825		
Dyce	091	43211	80018	06235	13532	29202	81920	84070	
Wick	075	52706	86031	07432	585++	30305	85820		
Cape Wrath	049	62305	83022	08341	635++	41213	86920		
Sule Skerry	010	63609	85038	06542	4344+	38211	84915		
Lerwick	005	23512	82028	05237	28400	35207	82818		
Stornoway	026	73410	74258	09540	5953+	37108	85920	86360	
Benbecula	022	63518	82258	10141	3343+	38107	83918	86358	
Tiree	100	30114	83258	09241	33300	41209	81708	83918	
Aldergrove	917	20000	66021	08435	12500	28206	81820		
Malin Head	980	70217	74808	09142	734++	37105	87916		
Belmullet	976	73514	80258	13043	785++	33001	84820	87650	
Birr	965	72210	74031	10338	656+2	34802	86638	87073	
Collinstown	969	23312	80031	07638	23300	35002	81709		
Rineanna	962	33214	82016	12241	12531	36102	81822	83358	
Roches Point	952	23424	82030	10641	18502	35203	81820		
Valentia	953	70110	80258	13745	735+2	37002	86920	87640	

OBSERVATIONS at 18h. 20 December 1960.

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sC_hh_s$	$8N_sC_hh_s$	$8N_sC_hh_s$
Kew	775	80109	23056	98240	856++	36221	88630		
London Airport	772	83609	40027	97638	863++	36311	81706	88708	
Gatwick	776	80107	32207	96637	862++	36209	88705		
Thorney Island	871	83311	56216	97737	864++	34103	88710		
Hurn	862	83316	66237	99036	4547+	34205	84612	87358	88462
Guernsey	894	43320	74031	02142	415C2	28103	84820		
Felixstowe	697	70308	61031	97642	756++	40229	87635		
Gorleston	497	80515	60258	97944	885++	43223	84820	88628	
Mildenhall	578	80512	61646	98243	363++	42232	83707	86630	
Cardington	559	80212	58626	98743	5732+	41225	85708	88516	
West Raynham	485	80417	40036	98943	662++	42331	86704	88615	
Wittering	462	80315	40617	00141	872++	41331	88704		
Boscombe Down	746	83318	56687	99933	462++	33202	84703	88708	
Ross-on-Wye	627	83409	57687	03036	8042+	34111	88510		
Bristol	628	83310	59697	02535	6732+	34004	86707	88520	
Aberporth	502	13619	80011	06939	18501	31113	81820		
Rhoose (Cardiff)	715	73517	80021	04239	3559+	28210	83620	87360	
Plymouth	827	33515	74028	04640	38500	31806	81820		
Chivenor	707	23411	80021	05739	28501	31317	81820		
St. Mawgan	817	53612	74018	06541	52500	36111	85823		
Culdrose	809	70116	69878	06739	734++	35210	87915		
Scilly	804	63621	74028	08143	68400	34213	84818		
Elmdon	534	83414	26237	02634	855++	33217	88615		
Shawbury	414	83215	56237	05037	4552+	32216	84623	88458	
Manchester	334	83615	32217	04638	355++	31218	83625	88656	
Squires Gate	318	33610	32041	06339	15740	30219	81650	83360	
Valley	302	30109	82010	07838	28502	31215	81825	83070	
Ronaldsway	204	10000	86020	08835	11502	32217	81820		
Silloth									
Watnall	354	80318	48617	01938	4562+	37223	81707	84630	88560
Spurn Head	396	80524	58216	99844	864++	42213	88710		
Finningley	360	83615	48216	03138	4742+	37221	84712	88531	
Dishforth	261	83418	56616	04538	674++	35217	86712	88622	
Tynemouth	262	83632	48218	04844	873++	40216	88708		
Eskdalemuir	162	03602	74010	08632	00900	27111			
Mull of Galloway	131	13612	82010	08736	11500	33211	81820		
Prestwick	135	10000	22040	09325	10940	22212	81360		
Renfrew	141	02504	11040	09332	00900	27215			
Leuchars	171	12805	83020	07932	10941	27213	81361		
Dyce	091	13212	74020	08535	15600	33216	81630		
Wick	075	13008	80021	09231	19400	29211	81918		
Cape Wrath	049	73609	83028	09840	735++	38214	87920		
Sule Skerry	010	73609	85028	09142	734++	37215	87915		
Lerwick	005	13609	83010	07735	11400	33213	81818		
Stornoway	026	13004	82018	11935	15500	32213	81620		
Benbecula	022	13313	83018	12440	12500	32215	81820		
Tiree	100	73523	74808	11442	784++	40214	83816	86635	
Aldergrove	917	13407	66020	10336	18500	33212	81820		
Malin Head	980	30222	74258	11644	33400	37117	83916		
Belmullet	976	73613	80258	14542	785++	34311	84821	87640	
Birr	965	83307	66616	11838	874++	37213	86717	88629	
Collinstown	969	23110	74010	10034	24500	32214	82622		
Rineanna	962	13312	80010	13237	18500	33210	81825		
Roches Point	952	13321	78020	11841	18530	35213	81820		
Valentia	953	40109	82258	14542	33530	35208	83920	84360	

OBSERVATIONS during DAY

Station	iii	RRT_xT_xE	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Kew	775	02421	000	r_or_orr	rsr_or_o
London Airport	772	02412	000	$ir_or_or_orsr_or_o$	$d_od_oir_o$
Gatwick	776	02411	000	$ir_or_or_or_os_o$	d_od_o
Thorney Island	871	01411	000	$ir_or_or_o$	$r_or_od_or_o$
Hurn	862	03422		+	$ir_orsr_os_o$
Guernsey	894	92442	045	pr	pr_opr
Felixstowe	697	97431	007	id_o	+
Gorleston	497	97462	004	pr_o	pr_o
Mildenhall	578	07441	000	r_or_oRR	ir_oiR
Cardington	559	11432	000	rrr_or_oss	$irid_o$
West Raynham	485	02451	000	$pRHir_o$	$ir_or_or_o$
Wittering	462	19412	000	rsRSSSrr	rrr_or_o
Boscombe Down	746	05395	033	r_os_o	ssr_os_ors
Ross-on-Wye	627	03401	040	+	ir_ors
Bristol	628	04411	042	+	$RSr_or_oid_o$
Aberporth	502	91421	051	pr_o	+
Rhoose (Cardiff)	715	96411	072	+	ir_oir
Plymouth	827	97441	052	pr_os_o	pr_oprs
Chivenor	707	93441	057	+	rr
St. Mawgan	817	01441	048	jp	prRpr
Culdrose	809	09441	032	ir_oiR_o	iR_oir_o
Scilly	804	03451	030	pr_oh_o	prpr$_o$
Elmdon	534	06376	000	is_ossf	$ssds_os_or_os_o$
Shawbury	414	92381	013	+	$r_os_oir_o$
Manchester	334	97391	000	is_o	$ir_or_or_oir_o$
Squires Gate	318	00401	027	+	+
Valley	302	00431	066	+	+
Ronaldsway	204	00393	067	+	+
Silloth					
Watnall	354	09401	000	$r_os_ossr_or_o$	r_or_orr
Spurn Head	396	15442	000	rr	$rrir_o$
Finningley	360	05391	000	rrrs	$r_or_oir_o$
Dishforth	261	01392	000	$ir_od_or_or_or_o$	r_or_oprir
Tynemouth	262	02442	000	$r_or_oir_opr_o$	pr_orr
Eskdalemuir	162	00363	059	+	+
Mull of Galloway	131	00383			
Prestwick	135	00323	053	+	+
Renfrew	141	00413	034	ff	ff
Leuchars	171	00393	054	+	+
Dyce	091	97363	039	pr_o	+
Wick	075	93365	041	+	pr_os_o
Cape Wrath	049	02422		prs	prs
Sule Skerry	010	02442			
Lerwick	005	00373	037	+	+
Stornoway	026	02403	001	pr_o	+
Benbecula	022	94421	013	pr_o	pr_o
Tiree	100	03431	003	pr_opR	pr_o
Aldergrove	917	00393	056	+	+
Malin Head	980	0444	008		
Belmullet	976	0145	020		
Birr	965	0141	011		
Collinstown	969	9740	062		
Rineanna	962	9743	061		
Roches Point	952	0043	059		
Valentia	953	0145	013		

Code FM 21.A

OCEAN WEATHER STATION REPORTS at 12h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_s$app	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
A	30620	33012	72531	80022	13337	755++	62806	+++++	+++++	05527	12547
B	30565	51012	62529	69278	21534	65500	00314	86625	+++++	05622	12446
C	30528	35512	81815	65026	24546	5551+	00605	85621	83450	05145	12034
D	30440	41012	81825	65022	24759	6557+	00602	82723	86635	00053	11735
I	30587	18912	73122	98258	15944	785++	00015	84825	87640	05635	13124
J	30525	19812	83227	97022	23549	854++	00702	84616	88625	05146	13449
K	30451	16112	40123	70011	25750	28402	81212	82816	+++++	05543	18650
M	33660	02012	50310	75158	07536	49440	00805	83910	+++++	06123	10233

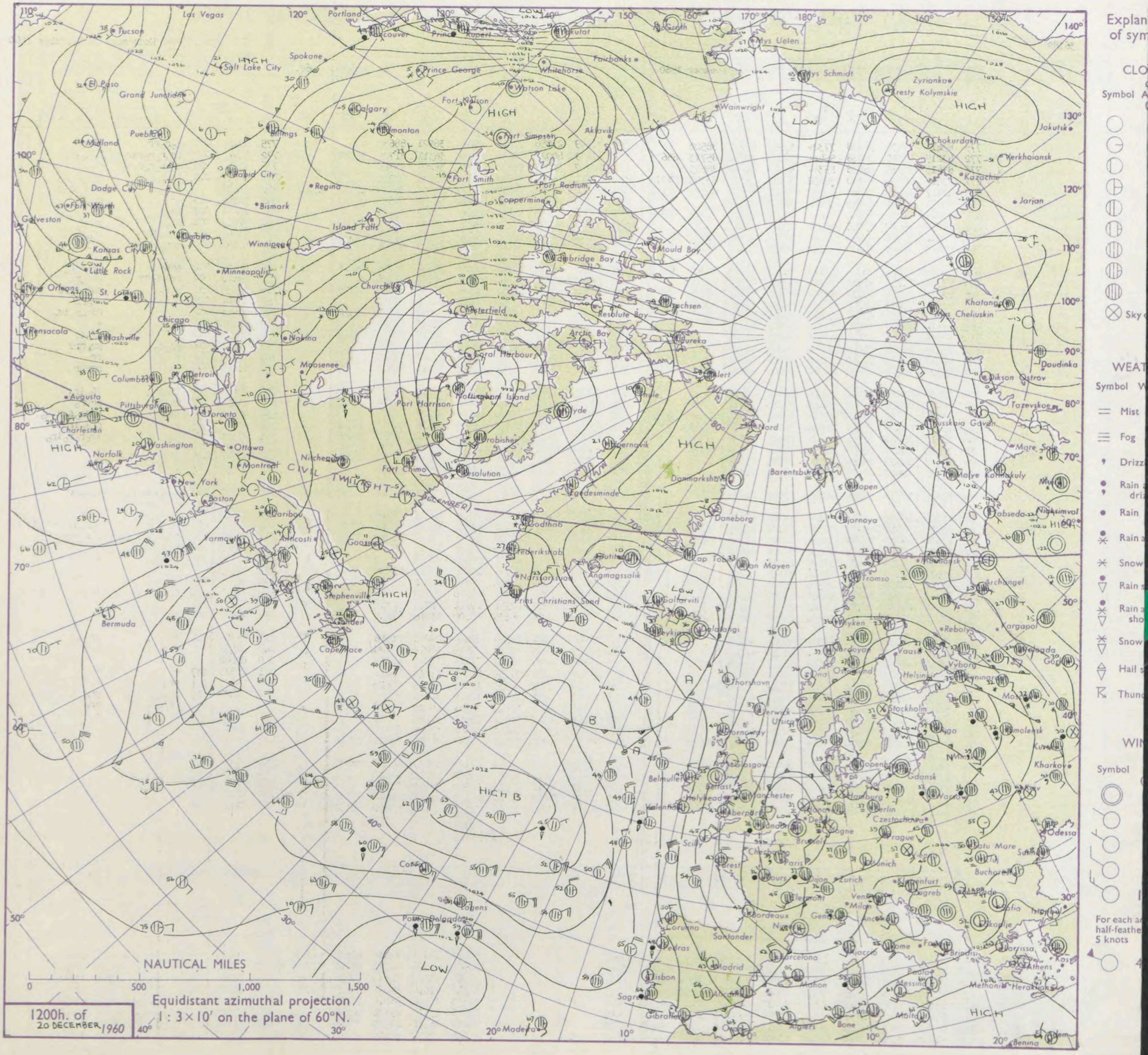
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_s$app	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
A	30620	32818	72638	65878	11937	795++	00708	+++++	+++++	05825	12648
B	30565	51018	62716	69012	21733	64501	00302	86625	+++++	05523	12544
C	30528	35518	81410	37534	21446	874++	00808	88710	+++++	00246	11934
D	30440	41018	71821	65029	21260	21578	00615	82826	85360	00153	11746
I	30588	18618	33018	98018	16044	38530	00802	81820	83635	05636	13036
J	30523	19518	73124	98158	21649	625++	00400	87820	+++++	05143	13149
K	30454	16118	63523	70018	25050	48401	81303	82816	84633	05645	13523
M	33660	02118	70409	75038	07036	79400	00703	+++++	+++++	06121	10533

All times of observation printed in this publication are GREENWICH MEAN TIME.

SIR GRAHAM SUTTON, C.B.E., D.Sc., F.R.S., Director General. Meteorological Office, Air Ministry, Kingsway, London, W.C.2

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



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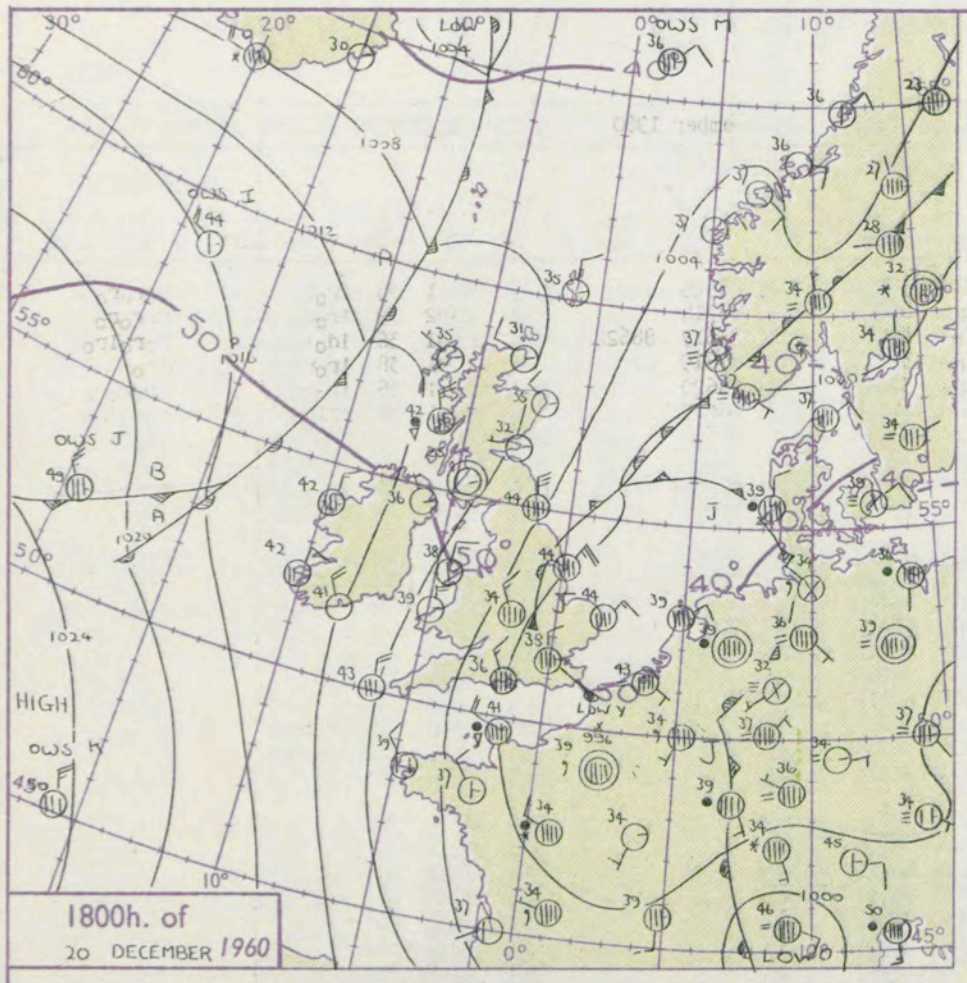

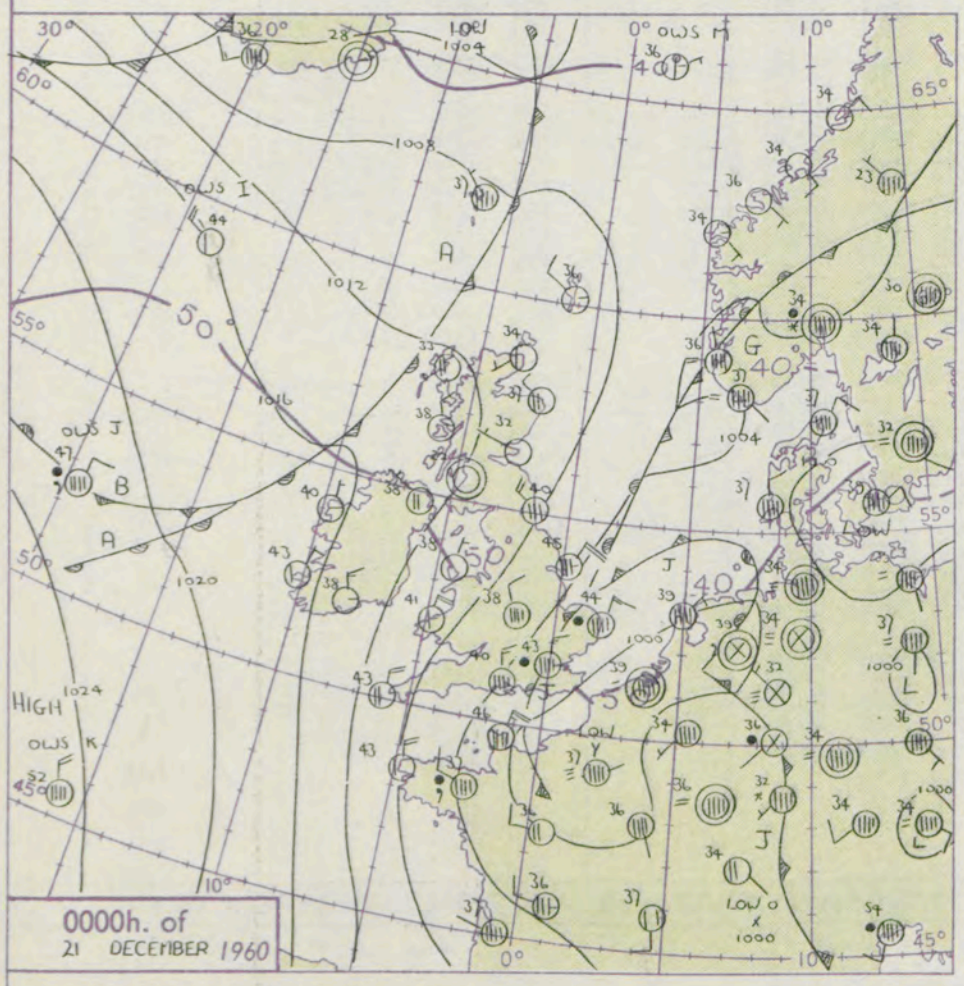

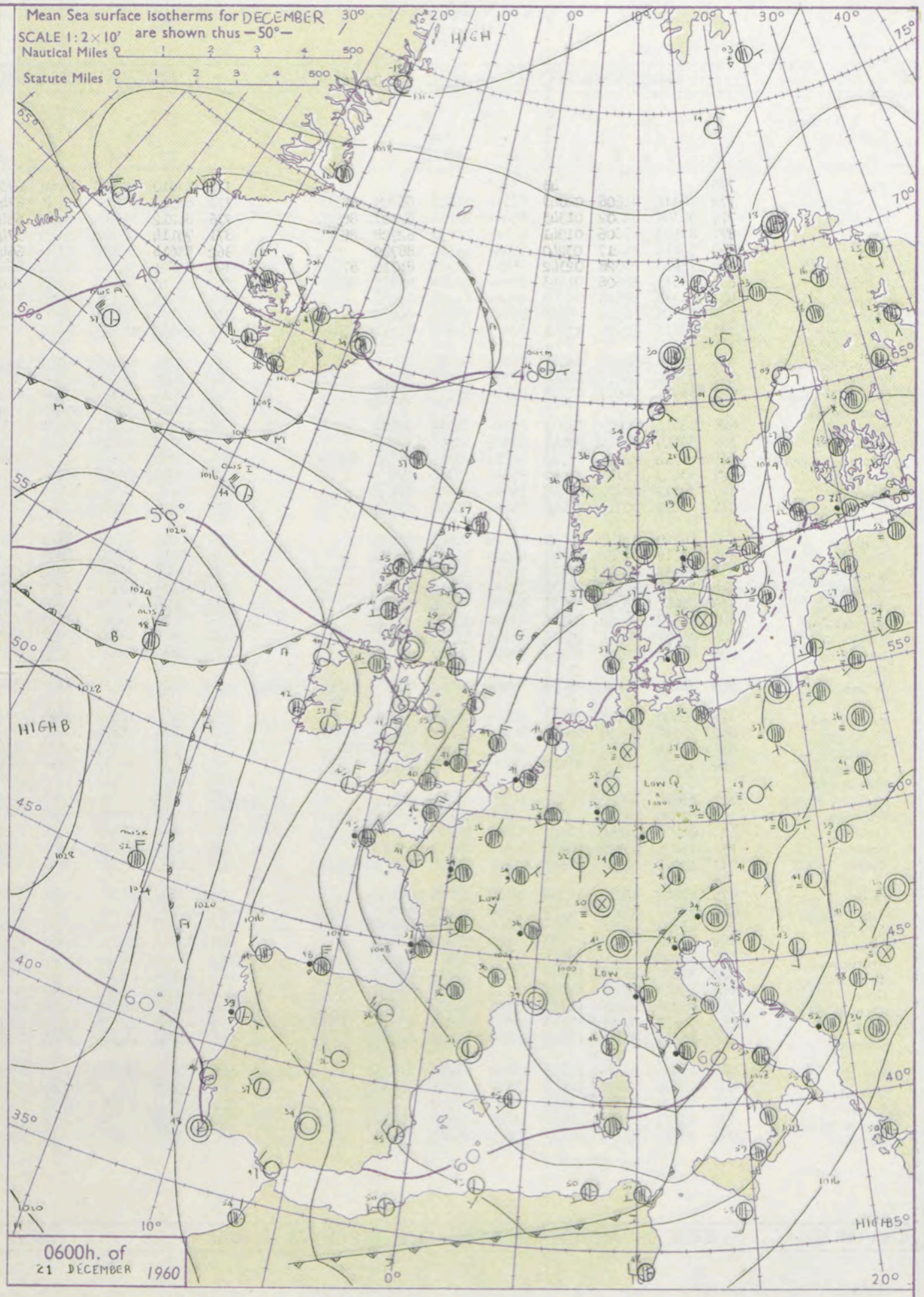

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Wednesday 21 December 1960

A depression in the Iceland area has moved little due to cyclonic development yesterday off the south Greenland coast. This depression will now move slowly east with troughing to the southeast. An associated occlusion over northwest Britain will frontolyse as it moves southeast but northerly winds over much of the country will back to west or northwest behind an intensifying ridge moving southeast from Scotland.

FORECAST for Great Britain and Northern Ireland until noon tomorrow

Most areas will have some showers today, rather frequent in the extreme southeast and later in the northwest and extreme north but mostly scattered with sunny periods elsewhere. Frost will probably occur in a number of areas tonight and mist will develop in places, chiefly around industrial areas. Tomorrow, western and northern districts will be rather cloudy with scattered showers but eastern districts will be mainly fine. It will be rather cold.

OUTLOOK for the following 48 hours:-

Occasional rain or sleet but probably some snow on the hills. Areas of frost and fog at night. Temperatures mainly below average.

Code FM 11.A

OBSERVATIONS at 00h. 21 December 1960

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_d app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775			43					
London Airport	772	80114	61606	02043	673++	41218	86709	88713	
Gatwick	776	80308	56502	01343	854++	41219	82707	88610	
Thorney Island	871	83503	58606	01941	874++	40323	82708	88712	
Hurn	862	83614	61217	03240	863++	38319	88709		
Guernsey	894	73621	60028	02342	464++	38304	84710	87820	
Felixstowe	697	80311	58606	01443	555++	42219	85625	88643	
Gorleston	497	80216	58618	02344	855++	43118	88620		
Mildenhall	578	80309	66516	02743	855++	42115	88627		
Cardington	559	80113	58605	03242	574++	40218	82707	85711	88640
West Raynham	485	80314	60216	03043	855++	40116	82617	88626	
Wittering	462	83614	56216	04040	473++	37215	84706	88624	
Boscombe Down	746	83511	48607	04238	873++	37223	88708		
Ross-on-Wye									
Bristol	628	83612	66027	05840	855++	35218	88620		
Aberporth	502	30119	80011	09241	35600	40008	83645		
Rhoose (Cardiff)	715	80114	74026	06540	5577+	33215	85650	88359	
Plymouth	827	83619	61028	06640	856++	35306	88647		
Chivenor	707	73519	81606	07542	756++	34206	87631		
St. Mawgan	817	73623	80031	08642	755++	34308	87628		
Culdrose	809	10120	81028	08540	15500	32307	81620		
Scilly	804	43618	81022	10043	48500	36109	84820		
Elmdon	534	83512	32047	06238	755++	36216	87622		
Shawbury	414	73415	59037	08238	756++	33214	87638		
Manchester	334	32907	48046	07836	35600	34215	83630		
Squires Gate	318	03507	48040	09138	00900	32210			
Valley	302	00107	82011	10238	00900	33108			
Ronaldsway	204	00110	89020	11433	00900	29209			
Silloth									
Watnall	354	70210	50506	06038	455++	37316	82712	84620	87631
Spurn Head	396	70320	57016	04645	774++	40214	87715		
Finningley	360	73516	48036	06438	455++	37211	84624	87638	
Dishforth	261	43414	56258	07838	48400	35312	81715	83820	
Tynemouth	262	73221	48258	08140	756++	38209	87636		
Eskdalemuir									
Mull of Galloway	131	13610	82020	11535	11400	32212	81815		
Prestwick	135	00000	22040	12322	00900	19110			
Renfrew	141	02405	12044	12127	00900	24210			
Leuchars	171	03006	80020	10632	00900	29211			
Dyce	091	43110	74038	11137	48400	35211	81815	84635	
Wick	075	22507	82268	11534	28500	32208	81820		
Cape Wrath	049	33202	83018	11739	35500	36207	83625		
Sule Skerry	010	43605	85018	10941	43400	32210	84915		
Lerwick	005	13108	82028	09036	12500	29400	81825		
Stornoway	026	42305	82030	13233	45600	30400	84630		
Benbecula	022	32908	83030	13840	35700	35102	83650		
Tiree	100	13513	82028	14238	11500	33208	81820		
Aldergrove	917	43206	66011	12738	35601	34208	83635		
Malin Head	980	50113	74258	14143	535++	35208	85921		
Belmullet	976	13607	74258	16640	12500	35108	81822		
Birr	965	13106	70036	14933	15600	31211	81633		
Collinstown	969	73005	74031	12836	756++	34211	87630		
Rineanna	962	03308	80020	15832	00900	30308			
Roches Point	952	13317	78010	14438	15600	34211	81640		
Valentia	953	20105	82030	16443	22500	35207	82820		

OBSERVATIONS at 06h. 21 December 1960

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_d app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775	83610	62616	06042	6732+	38213	86708	88525	
London Airport	772	83514	59616	05741	674++	40213	86711	88714	
Gatwick	776	80212	58616	05242	554++	40216	82712	85617	88622
Thorney Island	871	70114	62616	05543	374++	39312	83715	87619	
Hurn	862	83614	58036	06740	664++	37213	86712	88620	
Guernsey	894	83621	58026	06244	464++	41214	84710	88615	
Felixstowe	697	80310	61616	04443	374++	41212	83712	88628	
Gorleston	497	80115	60026	04444	854++	42107	88618		
Mildenhall	578	70106	66217	05942	3563+	40313	83630	85656	87358
Cardington	559	83510	61026	07240	355++	38316	83625	88657	
West Raynham	485	70314	62016	06043	3557+	37212	83627	87357	
Wittering	462	83615	48216	07739	5567+	36312	85645	88458	
Boscombe Down	746	83414	58026	07938	864++	36214	88710		
Ross-on-Wye	627	13609	70021	09838	15600	34212	81630		
Bristol	628	73609	63031	09438	4557+	35114	84620	87360	
Aberporth	502	03619	20020	12441	00900	36226			
Rhoose (Cardiff)	715	33510	74011	10338	35600	37114	83635		
Plymouth	827	03614	62021	10041	00900	35213			
Chivenor	707	23621	74026	10741	25500	36215	82628		
St. Mawgan	817	63616	74031	11443	65500	38212	86626		
Culdrose	809	50216	82021	11542	55600	38212	85635		
Scilly	804	23617	82020	12845	21400	35209	82818		
Elmdon	534	13308	37016	09835	15500	32215	81620		
Shawbury	414	13315	59021	11235	15500	32211	81620		
Manchester	334	03208	48021	10832	00900	30214			
Squires Gate	318	00000	40040	12031	00900	30215			
Valley	302	13605	82020	12937	15600	33213	81635		
Ronaldsway	204	00110	89020	13735	00900	30211			
Silloth									
Watnall	354	53610	50035	09238	55600	35213	85640		
Spurn Head	396	40220	59018	07045	45400	35209	84615		
Finningley	360	73416	58258	09638	725++	36213	87828		
Dishforth	261	43410	50050	10637	25702	35313	82650		
Tynemouth	262	63216	58028	10740	6097+	38211	86358		
Eskdalemuir	162	23601	74030	14033	25600	28209	82640		
Mull of Galloway	131	23610	82020	14036	21400	33311	82818		
Prestwick	135	00000	44040	13922	00900	19107			
Renfrew	141	00000	07444	13922	00900	20207			
Leuchars	171	02705	80020	12329	00900	27207			
Dyce	091	13207	80020	12434	15600	29204	81630		
Wick	075	12609	86038	12029	18500	27802	81820		
Cape Wrath	049	82705	66606	11040	864++	38705	88715		
Sule Skerry	010	63205	85028	09943	634++	38710	86918		
Lerwick	005	62806	66800	08737	624++	33805	86818		
Stornoway	026	72406	74031	12635	756++	32805	87640		
Benbecula	022	72506	69802	13338	785++	37000	84820	86635	
Tiree	100	62405	74251	13741	684++	41807	82712	83817	85621
Aldergrove	917	62502	66031	15236	656++	35211	86631		
Malin Head	980	43006	74011	15243	42500	37001	84822		
Belmullet	976	10000	74028	17636	12500	33301	81825		
Birr	965	10000	66010	17430	15600	29212	81635		
Collinstown	969	63109	80032	15036	656++	34210	86633		
Rineanna	962	60000	80021	17933	685++	31210	81825	86640	
Roches Point	952	23516	80030	17037	25600	34208	82635		
Valentia	953	60305	80038	18342	625++	37105	86822		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Kew	775	02411	38	ir_orr	rrr_or_o
London Airport	772	02382	39	$ir_od_or_or_or_oir$	rrr_or_o
Gatwick	776	02391	36	$id_oir_or_or_o$	$r_or_oir_o$
Thorney Island	871	01391	38	$ir_or_or_o$	ir_o
Hurn	862	92381	36	$ir_or_or_o$	$ir_or_or_o$
Guernsey	894	01441	38	$prir_o$	$r_or_oir_o$
Felixstowe	697	01432	40	$ir_or_or_o$	$ir_or_or_oir_o$
Gorleston	497	05422	40	$ir_or_or_o$	r_or_o
Mildenhall	578	93411	39	$d_or_odrd_od_or_os_o$	d_or_odrir
Cardington	559	01392	30	id_oir_o	ir_o
West Raynham	485	02421	39	r_or_orr	$r_or_opr_o$
Wittering	462	01381	34	r_or_o	ir_o
Boscombe Down	746	95351	34	$ffid_o$	+
Ross-on-Wye	627	00371	33	+	+
Bristol	628	00371	29	+	+
Aberporth	502	00391	33	+	+
Rhoose (Cardiff)	715	00351	31	+	+
Plymouth	827	97381	32	pr_os_o	+
Chivenor	707	02401	35	$r_or_oir_o$	+
St. Mawgan	817	00391	36	+	+
Culdrose	809	00400	37	+	+
Scilly	804	00421		+	+
Elmdon	534	97332	30	r_or_o	+
Shawbury	414	97341	29	ir_o	+
Manchester	334	00313	24	+	+
Squires Gate	318	00303	21	+	f
Valley	302	00361	30	+	+
Ronaldsway	204	00283	23	+	+
Silloth					
Watnall	354	97371	33	$id_od_od_o$	pr_o
Spurn Head	396	97431		ir_o	pr_o
Finningley	360	97361	33	+	pr_o
Dishforth	261	01361	32	irpr	pr_o
Tynemouth	262	02381	34	pr_o	pr_o
Eskdalemuir	162	00273	19	+	+
Mull of Galloway	131	00333			
Prestwick	135	00203	18	+	+
Renfrew	141	00203	15	+	+
Leuchars	171	00263	22	+	+
Dyce	091	01313	23	pr_o	+
Wick	075	02284	25	$prpr_os_o$	+
Cape Wrath	049	02392	32	+	ir_o
Sule Skerry	010	01391	35		
Lerwick	005	96323	28	ps_ois_o	pr_ops_o
Stornoway	026	00302	26	+	+
Benbecula	022	01361	28	+	pr_opr
Tiree	100	92371	30	+	pr_o
Aldergrove	917	00313	20	+	+
Malin Head	980	92421	38		
Belmullet	976	97351	29		
Birr	965	97			
Collinstown	969	97333	29		
Rineanna	962	97291	24		
Roches Point	952	00			
Valentia	953	97			

Code FM 21.A

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
A	40619	32500	42642	80152	13337	49500	00210	+++++	+++++	05721	12649
B	40565	51000	80000	69022	20634	24507	00812	82625	882++	05423	12533
C	40528	35500	91407	01505	20245	9+0++	00602	89+01	+++++	00145	11934
D	40440	41000	71828	65022	17660	756++	00722	87635	+++++	00155	11746
I	40587	18400	22920	98028	16944	25600	00206	82635	+++++	05637	12934
J	40523	19400	83611	96588	23147	863++	00205	88708	+++++	05347	14947
K	40455	16000	83320	65022	25352	856++	00803	88641	+++++	05441	13234
M	43661	01900	30705	80012	06936	19440	00706	81910	+++++	06025	10040

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
A	40619	32406	32833	80021	14237	39500	00205	+++++	+++++	05827	12848
B	40565	51006	80515	69227	15334	1551+	00732	81635	884++	05426	149+3
C	40528	35506	81622	09615	16247	862++	00524	88705	+++++	00247	11834
D	40440	41006	01835	63022	14360	856++	00810	88630	+++++	00155	11749
I	40587	18306	32930	98028	15944	35600	00400	83630	+++++	05436	12837
J	40522	19406	63518	97032	21048	664++	00207	86712	+++++	05346	13346
K	40454	16006	83320	65028	24552	856++	00806	88636	+++++	05345	13244
M	43660	02006	30804	80031	05836	28440	00705	81815	+++++	06023	10632

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DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 36190

Date of Issue Thursday 22 December 1960

Code FM 11.A

OBSERVATIONS at 12h. 21 December 1960

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sC_hh_s$	$8N_sC_hh_s$	$8N_sC_hh_s$
Kew	775	73511	56016	10142	3147+	36115	83815	84399	86499
London Airport	772	73414	57016	10142	3533+	38115	81712	83625	86360
Gatwick	776	83609	59022	09142	754++	38214	87616	88630	
Thorney Island	871	73406	64026	09642	45432	38214	84618	85360	
Hurn	862	73413	61012	11140	38531	36217	82820	83075	
Guernsey	894	73620	78026	10644	7243+	39216	81710	86812	
Felixstowe	697	70316	63026	07944	45672	37212	81618	84640	86362
Gorleston	497	63618	62012	08644	38578	39212	82820	85360	86275
Mildenhall	578	63512	66026	09542	18531	39210	81825	83360	85075
Cardington	559	33512	50016	10741	18508	36207	81820		
West Raynham	485	70517	74258	09542	69430	37112	82915	86645	
Wittering	462	33415	56018	11239	22501	36110	82820	83075	
Boscombe Down	746	33514	42052	11539	1623+	35211	81705		
Ross-on-Wye	627	23607	63021	13441	15631	35111	81630		
Bristol	628	73610	66031	13741	5857+	36213	82825	84635	
Aberporth	502	23617	82011	15943	28500	37111	82822		
Rhoose (Cardiff)	715	43509	74011	13944	28531	36113	81825	83075	
Plymouth	827	50110	74031	13544	18531	36009	81820	85075	
Chivenor	707	33619	80011	14243	28501	35212	81825	83075	
St. Mawgan	817	30210	89031	14845	32501	37109	83822		
Culdrose	809	30218	82021	14745	21501	35212	82820		
Scilly	804	73617	81031	16145	784++	36214	82818	86622	
Elmdon	534	13411	19041	13639	00901	34111	81072		
Shawbury	414	23412	37041	14440	15601	33107	81635		
Manchester	334	02907	13044	14137	00900	32210			
Squires Gate	318	13204	14044	15041	12500	35109	81825		
Valley	302	20103	82030	15945	28500	36009	82825		
Ronaldsway	204	33311	86030	15643	38500	36203	82820		
Silloth									
Watnall	354	10212	37028	12441	10931	35210	81365		
Spurn Head	396	63415	63028	10543	63400	39107	83915	86820	
Finningley	360	13415	56028	12942	16301	37208	81707		
Dishforth	261	13413	64028	13041	11642	34102	81830		
Tynemouth	262	22910	48028	13138	20970	33101	82358		
Eskdalemuir	162	50000	82030	15230	50951	28803	85359		
Mull of Galloway	131	73407	82031	15541	745++	39107	87620		
Prestwick	135	61205	30258	14133	654++	31811	81712	83618	85630
Renfrew	141	60000	04424	14032	35830	29810	82645	83657	
Leuchars	171	42706	62040	12336	45700	25808	84650		
Dyce	091	32806	82011	12238	15630	29815	81650		
Wick	075	32507	89268	11134	28430	32715	81818		
Cape Wrath	049	82705	83026	09842	864++	40712	88715		
Sule Skerry	010	72909	85028	09744	5347+	37708	85915	87460	
Lerwick	005	73008	83028	07738	784++	31812	82818	87645	
Stornoway	026	72105	80268	11538	4943+	36819	84918	86360	
Benbecula	022	62606	80258	12942	5356+	39814	85920		
Tiree	100	62706	82038	14243	58431	40807	82818	83628	
Aldergrove	917	72212	69021	16138	756++	34808	82616	87640	
Malin Head	980	43013	80258	15745	43400	38804	84919		
Belmullet	976	53208	80018	19145	585++	39804	84820	85645	
Birr	965	32104	82011	19437	15601	34001	81636	83073	
Collinstown	969	12907	86011	17639	18530	31005	81825		
Rineanna	962	10000	80911	20143	15630	38001	81635		
Roches Point	953	73512	82031	20042	785++	33114	84820	87635	
Valentia	953	33503	82018	21445	38500	39011	82823	83632	

OBSERVATIONS at 18h. 21 December 1960

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sC_hh_s$	$8N_sC_hh_s$	$8N_sC_hh_s$
Kew	775	63512	66031	13241	555++	35218	85625		
London Airport	772	73213	50041	13241	756++	36218	87635		
Gatwick	776	73509	48031	12540	354++	35218	83616	84621	86645
Thorney Island	871	13409	48021	13739	00901	36321	81075		
Hurn	862	13310	59020	14837	00901	33225	81075		
Guernsey	894	63608	70012	15544	625++	37225	86825		
Felixstowe	697	13613	63011	10740	15602	34215	81645		
Gorleston	497	23610	62011	10041	28500	37208	82820		
Mildenhall	578	63308	32218	12340	353++	37213	83706	85656	
Cardington	559	03206	50012	13437	00900	34116			
West Raynham	485	80110	66818	11739	834++	37215	84710	88916	
Wittering	462	03309	56010	13235	00900	32112			
Boscombe Down	746	23105	32051	15235	15501	33220	81625		
Ross-on-Wye	627	02702	70020	15537	00900	31114			
Bristol	628	03005	66011	16037	00900	33216			
Aberporth	502	73217	80031	17644	785++	40214	86820	84635	
Rhoose (Cardiff)	715	12906	74020	16636	11500	31215	81825		
Plymouth	827	03610	40041	17041	00900	36116			
Chivenor	707	23505	80030	17741	21500	35224	82822		
St. Mawgan	817	20109	82021	18241	28500	36120	81822		
Culdrose	809	30208	78011	18139	38500	31220	82820		
Scilly	804	50113	82012	19545	52400	35219	85815		
Elmdon	534	02902	13041	14835	00900	32210			
Shawbury	414	52912	74251	15139	58500	34006	81820	84630	
Manchester	334	62903	24042	14236	55500	34104	85625		
Squires Gate	318	73111	44251	14242	784++	39701	81715	87635	
Valley	302	73310	80022	16243	755++	40204	87625		
Ronaldsway	204	13021	86010	15143	18400	38704	81818		
Silloth									
Watnall	354	03103	08040	13835	00900	31008			
Spurn Head	396	33215	32018	11540	35500	35209	83625		
Finningley	360	02903	09040	13635	00900	31106			
Dishforth	261	63206	62031	12733	656++	30701	86647		
Tynemouth	262	82909	48606	12736	864++	33500	88715		
Eskdalemuir	162	32504	70018	13836	34500	33802	83622		
Mull of Galloway	131	63211	80258	14539	634++	39502	86918		
Prestwick	135	51102	58258	13739	584++	36206	82715	84820	
Renfrew	141	52407	17216	13138	55600	35400	85630		
Leuchars	171	12305	58041	10834	15700	32706	81656		
Dyce	091	72807	82021	10837	5567+	32704	85640	87458	
Wick	075	32610	80021	08934	39500	31609	81920	83640	
Cape Wrath	049	82718	81818	07840	874++	38202	88715		
Sule Skerry	010	52809	85018	07342	534++	37710	85915		
Lerwick	005	42004	81017	05634	2847+	32710	81815	83360	
Stornoway	026	13102	82268	11336	19500	34205	81920		
Benbecula	022	33224	80158	13343	29460	36310	82918		
Tiree	100	53124	74808	13941	535++	37201	83820	83927	
Aldergrove	917	52613	66151	16340	58400	37007	82817	85630	
Malin Head	980	33222	74258	16045	33400	39306	83918		
Belmullet	976	63113	69808	20444	634++	40208	86919		
Birr	965	42908	74016	20237	15602	36212	81633	84073	
Collinstown	969	52912	74031	18337	56400	35210	81718	85640	
Rineanna	962	22908	80018	21440	25600	39213	82635		
Roches Point	952	63117	74801	21643	635++	37215	86921		
Valentia	953	73509	68808	22746	735++	42216	87920		

OBSERVATIONS during DAY

Station	iii	$R_RT_xT_xE$	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Kew	775	00441	011 +	+	
London Airport	772	00431	002 +	+	
Gatwick	776	00431	004 +	+	
Thorney Island	871	00431	003 +	+	
Hurn	862	00431	+	+	
Guernsey	894	00441	002 +	+	
Felixstowe	697	00451	012 +	+	
Gorleston	497	97451	015 ir_o	ir_o	
Mildenhall	578	93431	012 $irid_o$	$prir_o$	
Cardington	559	00422	036 +	+	
West Raynham	485	02451	027 pr_o	pr	
Wittering	462	97411	047 pr_o	+	
Boscombe Down	746	00401	011 +	+	
Ross-on-Wye	627	00431	045 +	+	
Bristol	628	00431	021 +	+	
Aberporth	502	00441	041 +	+	
Rhoose (Cardiff)	715	00441	056 +	+	
Plymouth	827	00451	058 +	+	
Chivenor	707	00451	059 +	+	
St. Mawgan	817	00461	062 +	+	
Culdrose	809	01462	071 +	pr_o	
Scilly	804	00470	010 +	+	
Elmdon	534	91412	036 +	ir_o	
Shawbury	414	02421	059 +	pr_oprpR	
Manchester	334	92391	044 +	ir_opr_o	
Squires Gate	318	93431	044 ffif	pr_o	
Valley	302	00461	044 +	+	
Ronaldsway	204	97451	037 pr_o	pr_o	
Silloth					
Watnall	354	97411	050 +	pr_os_o	
Spurn Head	396	01451	021 pr_o	+	
Finningley	360	97431	041 +	pr_o	
Dishforth	261	92421	059 jp	pr_o	
Tynemouth	262	97391	057 +	ir_o	
Eskdalemuir	162	97373	039 pr_o	pr_o	
Mull of Galloway	131	13432			
Prestwick	135	01421	006 pr_oir_o	pr_o	
Renfrew	141	97383	000 ff	$ffir_o$	
Leuchars	171	00373	038 +	+	
Dyce	091	00393	040 +	+	
Wick	075	03364	006 pr_os_o	$pr_os_oprsprhprs$	
Cape Wrath	049	04422	ir_o	pr	
Sule Skerry	010	05442			
Lerwick	005	03393	000 +	$r_os_oph_opR$	
Stornoway	026	03392	011 $pr_os_opr_o$	prsph	
Benbecula	022	05441	014 pr_opHR	pr_oprphr	
Tiree	100	02461	022 pr_opRH	$prhpr_o$	
Aldergrove	917	97411	014 +	pr_o	
Malin Head	980	0246	033		
Belmullet	976	0148	033		
Birr	965	9742	024		
Collinstown	969	9142	051		
Rineanna	962	9745	032		
Roches Point	952	9743	063		
Valentia	953	9248	038		

Code FM 21.A

OCEAN WEATHER STATION REPORTS at 12h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_s$app	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
A	40619	32612	42725	80021	14737	42500	62201	+++++	+++++	05725	12747
B	40560	51012	80533	61702	09035	874++	10724	88712	+++++	05327	10424
C	40528	35512	81627	65026	10848	863++	00824	88707	+++++	00346	11835
D	40440	41012	83027	59616	15460	5722+	00717	85706	88510	00158	17051
I	40586	18112	63024	98028	17744	625++	00217	86825	+++++	05629	13047
J	40523	19212	63410	98808	26548	48571	00217	82820	84630	05346	13446
K	40452	15812	73420	65032	26652	38532	00214	83823	85360	06445	13666
M	43660	01812	51712	80271	04037	49440	00514	83910	+++++	05727	11532

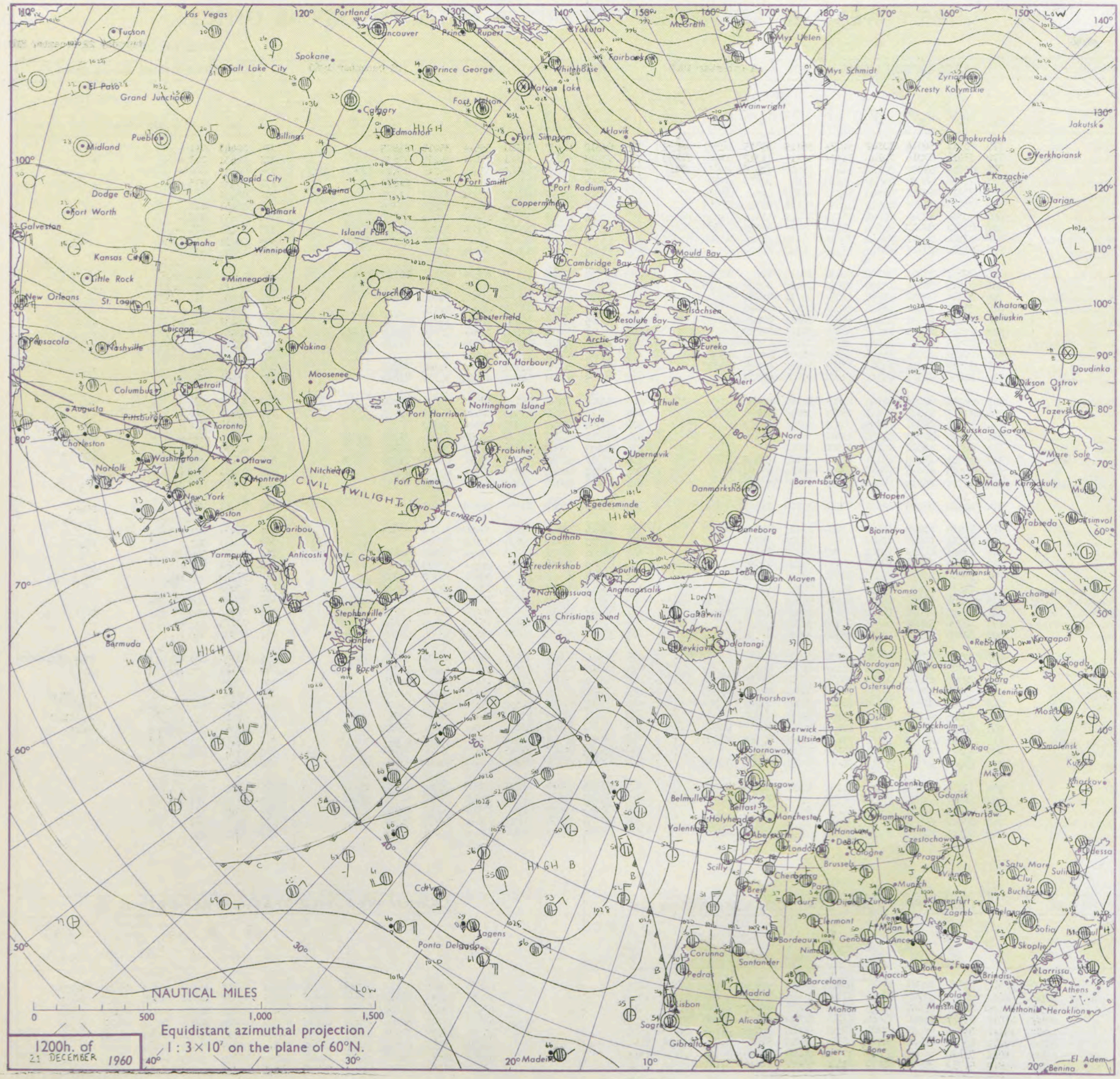
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_s$app	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
A	40620	33018	83408	80022	13537	1741+	00711	+++++	+++++	05721	14932
B	40565	51018	80235	57717	05333	6742+	00807	86710	88525	05530	10335
C	40528	35518	81830	56514	05949	864++	00610	88715	+++++	00448	11847
D	40440	41018	82924	65168	17857	885++	00324	86825	88640	05251	12349
I	40586	18018	72623	98031	17745	3453+	00801	83628	86358	05531	12746
J	40524	19118	73209	98022	26748	755++	00307	87620	+++++	05447	1494-6
K	40449	16018	50220	65012	27252	555++	00210	85623	+++++	05548	13244
M	43661	01718	61616	80031	00739	58540	00718	82820	84630	05628	11634

All times of observation printed in this publication are GREENWICH MEAN TIME.

SIR GRAHAM SUTTON, C.B.E., D.Sc., F.R.S., Director General. Meteorological Office, Air Ministry, Kingsway, London, W.C.2

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



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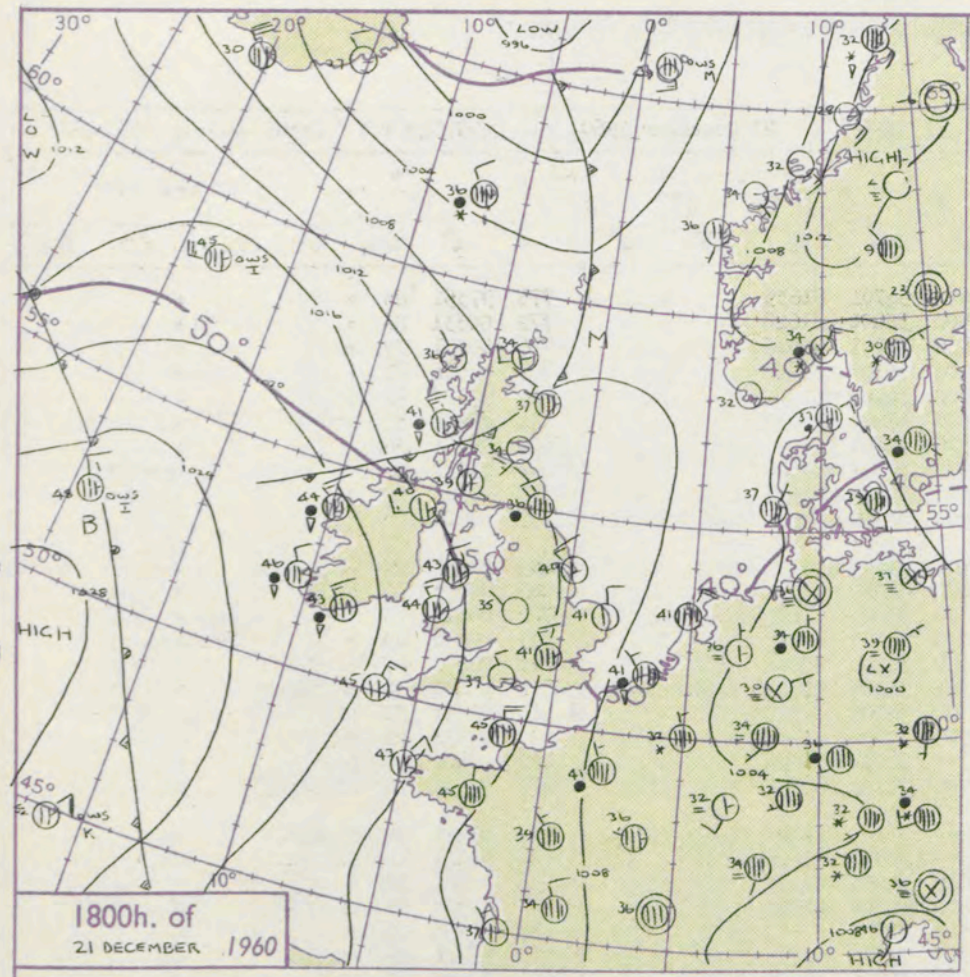

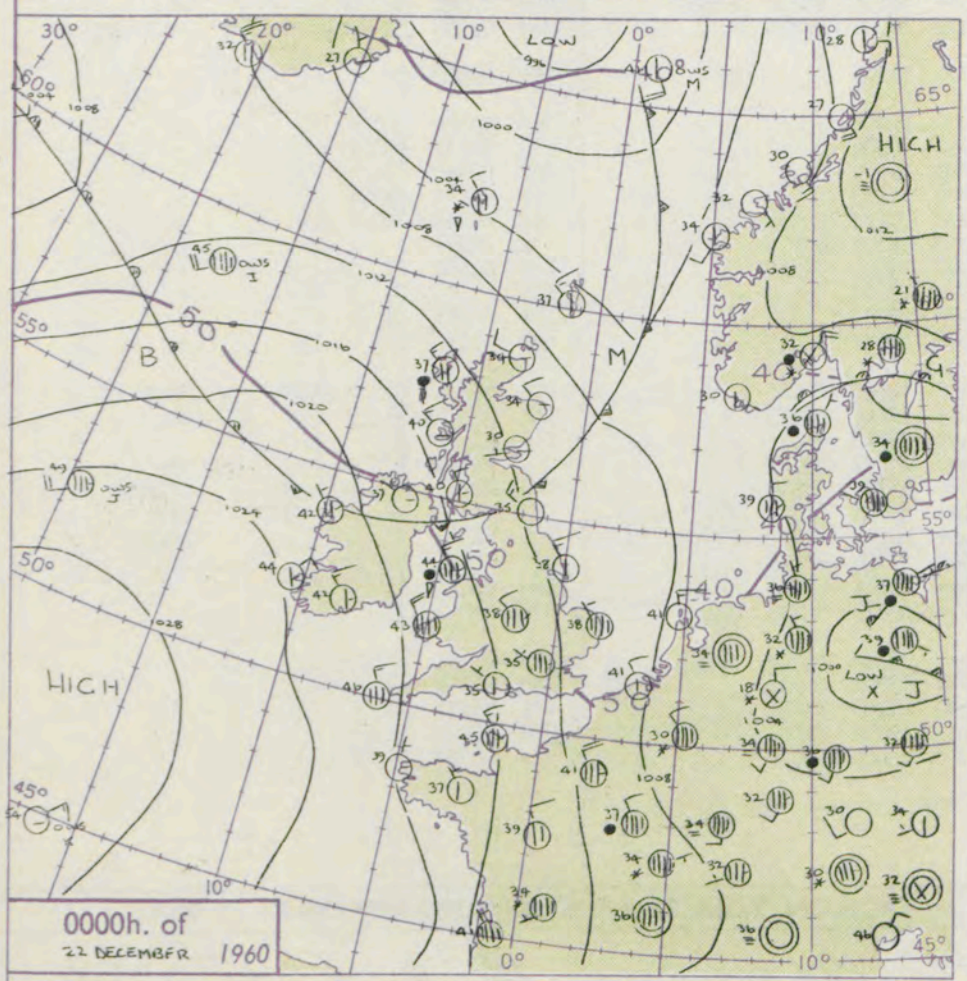

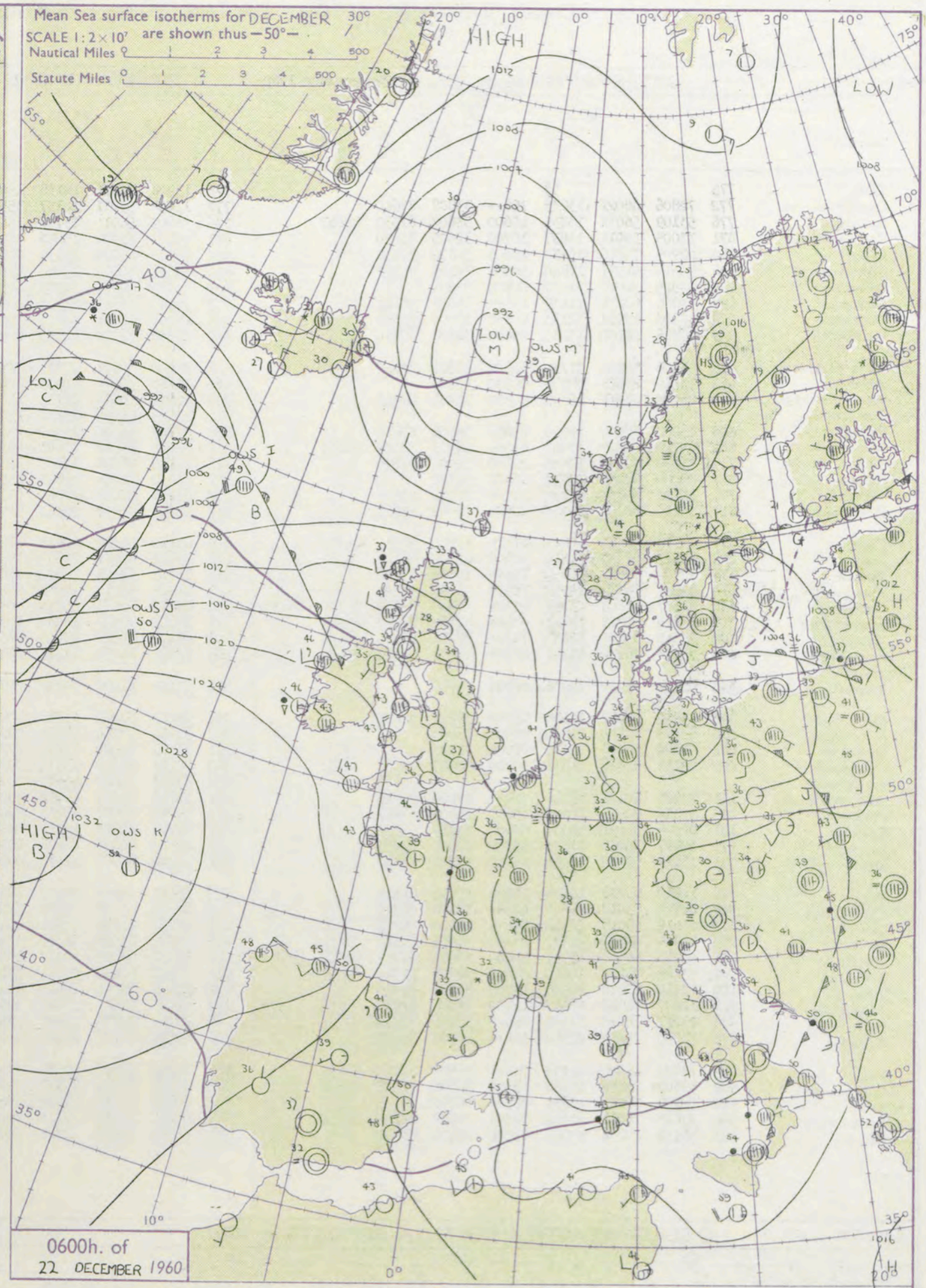

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Thursday 22 December 1960

Weak troughs and ridges moved southeast over Britain and a deepening depression from west Atlantic has moved towards Iceland. A marked trough is expected to break southeast from near Iceland across Scotland and an associated frontal system will probably cross England and Wales also, though more slowly.

FORECAST for Great Britain and Northern Ireland until noon tomorrow

Mainly bright in eastern and central England at first but becoming cloudy with rain at times evening and night, with bright weather during morning. Scotland, Northern Ireland, Wales and western districts of England will be cloudy with rain at times but brighter weather with scattered showers will spread in during the night though a few mist and fog patches may form by morning and clear quickly. Temperatures will be near the seasonal average.

OUTLOOK for next 24 hours.

Rather cold with scattered showers. Some frost and fog patches night and morning and snow on hills.

Code FM 11.A

OBSERVATIONS at 00h. 22 December 1960

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sC_hh_s$	$8N_sC_hh_s$	$8N_sC_hh_s$
Kew	775			37					
London Airport	772	72806	48021	13635	756++	33808	87640		
Gatwick	776	53109	56031	13835	45600	33807	81630	84647	
Thorney Island	871	33005	59011	14837	35700	34605	83650		
Hurn	862	22905	74016	15635	25600	32804	82630		
Guernsey	894	53316	81031	17844	58500	37105	84820		
Felixstowe	697	03515	56010	11937	00900	33301			
Gorleston	497	83006	60216	11138	855++	35801	88621		
Mildenhall	578	22805	19101	12333	20930	32806	82358		
Cardington	559	22906	28100	13435	25600	34607	82630		
West Raynham	485	53006	32268	11735	52500	33807	85826		
Wittering	462	03110	23011	12935	00900	33601			
Boscombe Down	746	23009	48011	15635	20930	33704	82359		
Ross-on-Wye									
Bristol	628	23008	66030	16040	25600	36606	82630		
Aberporth	502	83220	80278	17543	834++	40706	83918	88633	
Rhoose (Cardiff)	715	23010	62258	17040	22500	37606	82820		
Plymouth	827	00000	62258	18838	00900	36802			
Chivenor	707	33120	80030	18344	35500	37501	83625		
St. Mawgan	817	33410	80258	19743	32500	36000	83828		
Culdrose	809	83310	72601	20443	4747+	39104	84710	84818	
Scilly	804	63417	82258	21546	62400	42400	86818		
Elmdon	534	72909	56046	14738	755++	35502	87624		
Shawbury	414	32912	66258	14738	38530	36707	81820		
Manchester	334	83107	48048	13737	463++	36605	82706	84708	88630
Squires Gate	318	63214	61028	13943	684++	37702	81717	85627	
Valley	302	73315	80801	16444	785++	38701	84820	86635	
Ronaldsway	204	53213	74258	15541	48502	37201	82820	83650	
Silloth									
Watnall	354	03103	23020	12936	00900	34706			
Spurn Head	396	23014	32010	11438	25500	35705	82625		
Finningley	360	03105	08464	12934	00900	33603			
Dishforth	261	00000	56050	12135	00900	31703			
Tynemouth	262	02915	61026	11635	00900	32603			
Eskdalemuir									
Mull of Galloway	131	53225	80101	14640	594++	38400	85915		
Prestwick	135	33310	74018	14940	35600	34209	83647		
Renfrew	141	02506	82021	14336	00900	31210			
Leuchars	171	12607	74010	11530	15700	27203	81656		
Dyce	091	13012	82020	10934	15600	31702	81640		
Wick	075	12810	83028	10034	11400	30206	81818		
Cape Wrath	049	42724	83010	09540	475++	38206	84725		
Sule Skerry	010	63418	85018	08542	634++	33400	86915		
Lerwick	005	22914	81018	04337	28400	32603	81818		
Stornoway	026	43013	80838	12937	49400	33000	81709	84918	
Benbecula	022	53220	74278	14640	59400	32201	81716	85920	
Tiree	100	13114	82018	16440	13500	34108	81920		
Aldergrove	917	12807	74018	17437	15600	35204	81630		
Malin Head	980	23217	74018	17545	22400	36103	82818		
Belmullet	976	53005	74258	21342	535++	40301	85922		
Birr	965	72802	66205	21238	764++	36303	84717	87630	
Collinstown	969	32809	74258	18838	33400	36302	81918	83650	
Rineanna	962	02708	80016	21839	00900	38703			
Roches Point	952	33013	74038	22342	38508	39702	81920	83632	
Valentia	953	30110	62258	23944	32500	42104	83822		

OBSERVATIONS at 06h. 22 December 1960

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sC_hh_s$	$8N_sC_hh_s$	$8N_sC_hh_s$
Kew	775	13208	70021	14138	156++	34701	81635		
London Airport	772	13008	59011	14137	15500	35400	81628		
Gatwick	776	33209	66011	13737	35400	34701	83616		
Thorney Island	871	33101	62031	15236	35600	35103	83650		
Hurn	862	03108	69020	15836	00900	34102			
Guernsey	894	53318	82022	17644	52500	37204	85820		
Felixstowe	697	03315	56020	12036	00900	33301			
Gorleston	497	12910	48021	11335	15500	34801	81626		
Mildenhall	578	13107	28101	12833	15600	31204	81635		
Cardington	559	02806	56020	14033	00900	32202			
West Raynham	485	03110	32021	12033	00900	32203			
Wittering	462	03110	37020	13333	00900	31000			
Boscombe Down	746	12802	50011	16135	15600	33203	81640		
Ross-on-Wye	627	12405	81020	16237	15600	33303	81630		
Bristol	628	22707	66030	16540	25600	36500	82630		
Aberporth	502	53422	80018	18643	48501	36205	81820	83650	
Rhoose (Cardiff)	715	13006	66028	17837	12500	36205	81820		
Plymouth	827	13110	62028	18643	15500	38604	81622		
Chivenor	707	63214	80038	18644	655++	38002	86626		
St. Mawgan	817	53315	80038	20144	52500	39702	85828		
Culdrose	809	63210	64026	20443	685++	39101	81820	86629	
Scilly	804	73214	82031	21647	755++	40803	87628		
Elmdon	534	13009	68021	15237	15600	34205	81635		
Shawbury	414	12808	66018	15935	15600	32305	81640		
Manchester	334	03207	62021	15235	00900	32210			
Squires Gate	318	03412	78021	15840	00900	27105			
Valley	302	63411	74808	17843	685++	36205	83820	84640	
Ronaldsway	204	12808	82258	17141	18401	36304	81818		
Silloth									
Watnall	354	03102	61020	14334	00900	31206			
Spurn Head	396	03217	57020	11737	00900	34203			
Finningley	360	03211	48024	14035	00900	30304			
Dishforth	261	03303	66020	13733	00900	29209			
Tynemouth	262	02915	61020	13334	00900	31203			
Eskdalemuir	162	33003	74020	14533	30930	27103	83358		
Mull of Galloway	131	33212	80030	16638	39400	35203	83918		
Prestwick	135	20000	80020	15633	25600	31601	82630		
Renfrew	141	02705	82010	15231	00900	27602			
Leuchars	171	02507	80020	12828	00900	25003			
Dyce	091	02708	82020	11533	00900	28702			
Wick	075	12611	74268	10033	18400	32510	81815		
Cape Wrath	049	82924	83038	07939	875++	39716	88725		
Sule Skerry	010	42813	84018	07341	43400	35712	84915		
Lerwick	005	32812	81028	04337	33400	28707	83917		
Stornoway	026	62512	66808	10937	694++	35715	86919		
Benbecula	022	72517	80038	12144	734++	39816	82719	87933	
Tiree	100	62808	80251	14441	5943+	38818	83820	81915	
Aldergrove	917	32106	74011	17635	35600	33804	83645		
Malin Head	980	72910	74808	16443	734++	40811	85916	87650	
Belmullet	976	82510	66508	18646	5647+	43719	85715	88460	
Birr	965	70000	66606	20638	774++	38704	85716	87635	
Collinstown	969	52808	80011	19337	55600	35701	85635		
Rineanna	962	22608	80018	21142	25600	41706	82640		
Roches Point	952	72911	74031	22143	756++	39801	87639		
Valentia	953	33005	69808	22746	32500	44805	83822		

OBSERVATIONS during NIGHT

Station	iii	$R_RT_nT_E$	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Kew	775	97351	25	+	+
London Airport	772	00331	26	+	+
Gatwick	776	00331	29	+	+
Thorney Island	871	00341	27	+	+
Hurn	862	97323	21	ir_o	+
Guernsey	894	00421	39	+	+
Felixstowe	697	00341	30	+	+
Gorleston	497	04322	30	ir	irsrrirs
Mildenhall	578	00323	24	+	+
Cardington	559	00322	26	+	+
West Raynham	485	97331	29	pr_os_o	+
Wittering	462	00323	28	+	+
Boscombe Down	746	00321	23	+	+
Ross-on-Wye	627	00361	29	+	+
Bristol	628	00371	27	+	+
Aberporth	502	95421	34	pr_ophrpr_o	+
Rhoose (Cardiff)	715	92351	31	pr_o	+
Plymouth	827	97371	28	pr_o	+
Chivenor	707	97401	39	pr_o	pr_o
St. Mawgan	817	94421	34	$pr_opr_oh_o$	pr_o
Culdrose	809	01411	35	$ir_or_or_o$	ir_o
Scilly	804	94441		pr_o	pr_o
Elmdon	534	00341	30	+	+
Shawbury	414	02323	26	pr_oprpR	pr_o
Manchester	334	97333	26	+	+
Squires Gate	318	97371	29	pr_o	+
Valley	302	97381	31	pr_o	pr_o
Ronaldsway	204	01381	30	pr_o	pr_o
Silloth					
Watnall	354	00323	21	+	+
Spurn Head	396	00350		+	+
Finningley	360	00333	30	ff	+
Dishforth	261	00313	25	+	+
Tynemouth	262	00335	28	+	+
Eskdalemuir	162	00293	22	+	+
Mull of Galloway	131	00361			
Prestwick	135	97304	25	pr_o	+
Renfrew	141	00303	20	+	+
Leuchars	171	00273	21	+	+
Dyce	091	00333	27	+	+
Wick	075	05326	28	pr_os_ops	$isprsir_o$
Cape Wrath	049	93352	38	pr	pr
Sule Skerry	010	03362	32		
Lerwick	005	02363	30	pr_o	ph_o
Stornoway	026	02352	32	$pr_os_cpr_o$	pr_oprs
Benbecula	022	01391	35	$pr_oph_or_o$	pr_o
Tiree	100	94381	33	pr_o	pr_opr
Aldergrove	917	00331	24	pr_o	pr_o
Malin Head	980	92411	37		
Belmullet	976	91421	38		
Birr	965	97351	32		
Collinstown	969	91351	32		
Rineanna	962	93381	33		
Roches Point	952	97401	34		
Valentia	953	95431	39		

Code FM 21.A

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_a$app	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
A	50620	32900	80720	80022	06537	3742+	00742	+++++	+++++	05727	10733
B	50565	51000	83632	63707	11034	8052+	00234	88520	+++++	05430	13637
C	50528	35500	22025	69025	05447	25400	00110	82615	+++++	00243	11949
D	50440	41000	33222	69021	26249	32500	00236	83830	+++++	00533	12747
I	50587	17700	82319	98215	13945	464++	00822	84718	88630	05435	123+5
J	50526	19400	72420	96022	25149	5647+	00815	85712	87358	05444	149+6
K	50448	16000	10314	70028	29754	12400	00110	81816	+++++	05346	10322
M	53661	01600	21619	80018	98141	28500	31813	81820	+++++	05432	11733

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_a$app	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
A	50620	33106	80735	65687	99936	4742+	00730	+++++	+++++	06030	10737
B	50565	51006	53217	67137	08133	55500	00229	85620	+++++	05521	13336
C	50528	35506	32540	65011	05044	35400	00602	83615	+++++	05138	17140
D	50440	41006	63421	69022	31650	62500	00230	86830	+++++	05935	12747
I	50587	18706	82228	97026	04249	855++	61753	88625	+++++	05145	12235
J	50525	19706	82430	96032	20250	6647+	61829	86710	88462	05047	149+7
K	50447	16106	53306	70011	30552	55500	00003	85631	+++++	05446	100+0
M	53660	01806	81622	75272	94939	894++	31716	884++	88910	05532	11634

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H.M.S.O. Press, M.O. Dunstable.

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 36191

Date of Issue Friday 23 December 1960

Code FM 11.A — OBSERVATIONS at 12h. 22 December 1960

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775	43310	64021	16741	30938	30105	83399		
London Airport	772	33212	58031	17042	30930	32111	83359		
Gatwick	776	23310	59011	16941	10931	33212	81360		
Thorney Island	871	63307	69011	17841	15538	34008	81625	86275	
Hurn	862	72908	74011	18443	10932	35111	81365	87072	
Guernsey	894	73313	82021	20045	32506	36109	83820	87275	
Felixstowe	697	03412	48011	14539	00900	34109			
Gorleston	497	42906	58278	13939	48500	38217	84826		
Mildenhall	578	13308	58020	15338	10930	32106	81359		
Cardington	559	63107	57021	16439	55632	31004	85640		
West Raynham	485	13313	66021	14338	10930	33105	81362		
Wittering	462	63212	37011	16037	658++	30207	86657		
Boscombe Down	746	73006	59021	18240	20932	35110	82360	87070	
Ross-on-Wye	627	53205	77012	18341	15601	33103	81630	85075	
Bristol	628	72702	66012	18442	00902	36000	87075		
Aberporth	502	63115	80031	19345	48541	38802	84820	83075	
Rhoose (Cardiff)	715	62906	59041	19441	12579	38001	81820	86170	
Plymouth	827	73306	48022	20745	35630	35004	83632	87364	
Chivenor	707	53310	82012	20245	28531	36400	81825	83362	85075
St. Mawgan	817	73510	83022	21345	45539	37400	84625	85365	85175
Culdrose	809	63513	82022	21745	4843+	39103	81816	85362	
Scilly	804	63307	83026	23150	58509	46306	83822	83640	
Elmdon	534	42909	37051	17539	00901	33005	84075		
Shawbury	414	72708	74011	17441	15641	36804	81630	84075	
Manchester	334	52106	28041	16837	15842	33000	81657	84076	
Squires Gate	318	42912	48041	16446	18541	37804	81820	84070	
Valley	302	62913	74022	17845	21502	40705	82825	85075	
Ronaldsway	204	72615	83021	16547	18532	39708	81820	85365	
Silloth									
Watnall	354	52903	40042	15939	5097+	29100	84359	83363	
Spurn Head	396	53014	32031	14039	50930	31109	85358		
Finningley	360	73007	21021	15739	7093+	31000	87358		
Dishforth	261	73005	61021	14837	1573+	31704	81656	87359	
Tynemouth	262	72714	32021	13637	755++	32706	87635		
Eskdalemuir	162	72003	83031	15435	2157+	32804	82820	87360	
Mull of Galloway	131	62515	82032	15343	1143+	38805	81815	86360	
Prestwick	135	72508	62258	13744	68431	39710	81818	83640	85656
Renfrew	141	72506	37041	12941	5863+	36816	81830	85645	87365
Leuchars	171	82307	62021	11135	3577+	32812	83656	86358	88460
Dyce	091	72507	82021	10137	3573+	31709	81640	83656	87358
Wick	075	82309	66608	07336	864++	33712	88718		
Cape Wrath	049	82024	81028	05541	864++	41713	88720		
Sule Skerry	010	82713	81038	05343	864++	38714	88715		
Lerwick	005	62717	81268	02437	694++	34710	85915		
Stornoway	026	72105	66808	07841	784++	38721	82818	87624	
Benbecula	022	82111	66608	08545	7552+	42829	82712	87620	88459
Tiree	100	82212	62618	10545	3642+	45828	83715	85625	88459
Aldergrove	917	82012	62601	15739	454++	37715	82708	84618	88630
Malin Head	980	82316	61608	12845	873++	45826	85707	88715	
Belmullet	976	72316	74036	15549	764++	46719	87716		
Birr	965	82208	66206	18444	5642+	43718	84710	85637	88460
Collinstown	969	72510	74606	17742	1247+	38815	81715	87459	
Rineanna	962	72512	59506	19047	773++	46718	82706	86715	87625
Roches Point	952	72806	74022	20945	2852+	42713	81820	87460	
Valentia	953	72814	69256	21148	784++	47712	81710	85817	87645

OBSERVATIONS at 18h. 22 December 1960

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775	72203	37051	17240	7097+	34500	87399		
London Airport	772	72306	32041	17338	7093+	33803	87359		
Gatwick	776	72605	48101	17535	7093+	32400	87358		
Thorney Island	871	72903	59022	18338	3573+	35601	83656	87362	
Hurn	862	52401	20041	18436	00971	33802	84362		
Guernsey	894	53308	82028	19944	51502	35001	85825		
Felixstowe	697	73311	40031	15738	7097+	32102	87359		
Gorleston	497	82705	40031	14637	8097+	33103	88360		
Mildenhall	578	72408	32051	15535	3097+	32603	83360	86366	
Cardington	559	72309	40042	16637	2573+	35706	82656	87359	
West Raynham	485	72709	40021	15034	7097+	31804	87362		
Wittering	462	72611	32022	15337	7093+	34708	87358		
Boscombe Down	746	72403	56051	18635	7093+	33704	87360		
Ross-on-Wye	627	82007	57021	16640	8097+	34810	88358		
Bristol	628	72305	32042	17838	20932	35809	82360	87075	
Aberporth	502	82313	59502	16343	362++	42720	83705	85712	88656
Rhoose (Cardiff)	715	72805	82021	17542	7093+	37713	87360		
Plymouth	827	73002	32042	19343	5557+	40709	85627	87363	
Chivenor	707	40000	74011	18341	25500	38714	82626	83645	
St. Mawgan	817	72808	80028	19544	5847+	42812	83818	84634	86462
Culdrose	809	72705	69028	20143	3843+	41707	81815	83630	85360
Scilly	804	72811	81038	20047	784++	44714	84818	84625	
Elmdon	534	72108	32022	16339	7095+	34713	87362		
Shawbury	414	82210	80601	14939	8097+	35716	88461		
Manchester	334	72107	56022	14039	746++	35714	87630		
Squires Gate	318	82517	58618	12844	454++	42721	84715	87618	88640
Valley	302	82616	66026	14247	574++	45721	85714	88625	
Ronaldsway	204	82417	72216	12247	554++	47723	85710	88612	
Silloth									
Watnall	354	72709	28042	14439	3567+	34714	83640	87362	
Spurn Head	396	72509	16102	13939	755++	35104	87625		
Finningley	360	82004	32042	13840	8093+	35712	88358		
Dishforth	261	72408	59052	12141	7087+	37813	87357		
Tynemouth	262	82307	32022	10341	8097+	36816	88358		
Eskdalemuir	162	92103	04476	10638	9+0++	38724	89+00		
Mull of Galloway	131	72318	80016	11346	774++	44817	87715		
Prestwick	135	82112	59608	08545	463++	43724	84707	86709	88613
Renfrew	141	72213	37608	07444	363++	43732	83707	85622	87630
Leuchars	171	82202	17042	06439	373++	37726	83709	84711	88625
Dyce	091	83201	62032	06038	3577+	33723	83656	88458	
Wick	075	82109	74036	03239	3567+	35727	83630	85647	88359
Cape Wrath	049	82709	81616	01642	875++	42720	88720		
Sule Skerry	010	81407	66616	01141	864++	39726	88715		
Lerwick	005	33009	83018	01134	25530	27810	82525		
Stornoway	026	81907	61618	00445	855++	43842	81707	88621	
Benbecula	022	82115	58616	01347	564++	47737	85712	88621	
Tiree	100	72316	66016	03947	3557+	46733	81711	83628	87468
Aldergrove	917	72114	40206	10244	3627+	42727	83705	85710	86624
Malin Head	980	72317	74206	07146	764++	45730	84710	87645	
Belmullet	976	52317	74018	08848	33403	44732	83919	85070	
Birr	965	72308	66505	13445	774++	43724	85711	87622	
Collinstown	969	72412	61505	12545	763++	43727	82708	85713	87629
Rineanna	962	82209	32508	14046	862++	44715	84707	88710	
Roches Point	952	12208	74016	16145	15600	43724	81640		
Valentia	953	72713	61808	15948	724++	45724	87816		

OBSERVATIONS during DAY

Station	iii	$R_RT_xT_xE$	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Kew	775	00421	051	+	+
London Airport	772	00431	048	+	+
Gatwick	776	00411	051	+	+
Thorney Island	871	00431	017	+	+
Hurn	862	00441		+	+
Guernsey	894	97461	001	+	pr_o
Felixstowe	697	00411	036	+	+
Gorleston	497	01432	034	ir_opH	+
Mildenhall	578	00391	044	+	+
Cardington	559	00422	029	+	+
West Raynham	485	00381	039	+	+
Wittering	462	00391	021	+	+
Boscombe Down	746	00421	025	+	+
Ross-on-Wye	627	00451	037	+	+
Bristol	628	00441	032	+	+
Aberporth	502	97471	029	+	id_o
Rhoose (Cardiff)	715	97451	018	+	id_o
Plymouth	827	00461	018	+	+
Chivenor	707	00471	027	+	+
St. Mawgan	817	93461	005	pr_o	pr_oid_o
Culdrose	809	97461	012	pr_o	+
Scilly	804	94511	025	pr	ir
Elmdon	534	00421	037	+	+
Shawbury	414	97441	043	+	ir_o
Manchester	334	95411	017	pr_o	ir_orr
Squires Gate	318	91461	031	pr_o	$ir_or_or_od_or_o$
Valley	302	97481	031	+	ir_o
Ronaldsway	204	93481	024	ir_o	$r_or_oir_o$
Silloth					
Watnall	354	97401	011	+	d_or_o
Spurn Head	396	00400	025	+	+
Finningley	360	97411	000	+	ir_o
Dishforth	261	91431	001	+	ir_o
Tynemouth	262	00411	000	+	+
Eskdalemuir	162	97411	000	pr_o	ir_off
Mull of Galloway	131	01472			
Prestwick	135	02471	003	$pr_or_or_od_or_o$	$pr_od_or_o$
Renfrew	141	01451	002	pr_oir_orr	$r_or_oir_od_or_o$
Leuchars	171	91421	000	+	ir_o
Dyce	091	97403	000	+	ir_o
Wick	075	01415	000	ir_o	$ir_or_or_orr$
Cape Wrath	049	09462		pr	ir
Sule Skerry	010	05432			
Lerwick	005	01385	011	$ps_oh_opr_os_o$	ps_o
Stornoway	026	04462	000	$pr_or_or_o$	rr
Benbecula	022	09471	000	$pr_or_or_oid_o$	$ir_or_or_oRRrr$
Tiree	100	02481	000	$ir_or_or_oiR$	ir_odrir_o
Aldergrove	917	97451	000	ir_o	id_o
Malin Head	980	0147	000		
Belmullet	976	0149	014		
Birr	965	9347	002		
Collinstown	969	9145	006		
Rineanna	962	0248	006		
Roches Point	952	9748	008		
Valentia	953	0250			

Code FM 21.A — OCEAN WEATHER STATION REPORTS at 12h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_s$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
A	50620	33012	80437	65837	96937	894++	00500	+++++	+++++	05832	10438
B	50565	51012	52909	69022	22133	55500	00108	85620	+++++	05521	13235
C	50528	35512	32745	56151	13043	32400	00273	82810	+++++	05237	17665
D	50440	41012	73612	69022	37548	755++	00232	87630	+++++	06035	13348
I	50587	19412	82323	96586	94349	5732+	00752	85709	88520	05149	12237
J	50525	19812	72332	97505	15351	764++	51730	87710	+++++	00050	12547
K	50447	16212	52708	70012	32254	28440	00105	81816	83361	+++++	10040
M	53660	02012	62410	70168	94139	39470	00803	81910	85359	05728	12422

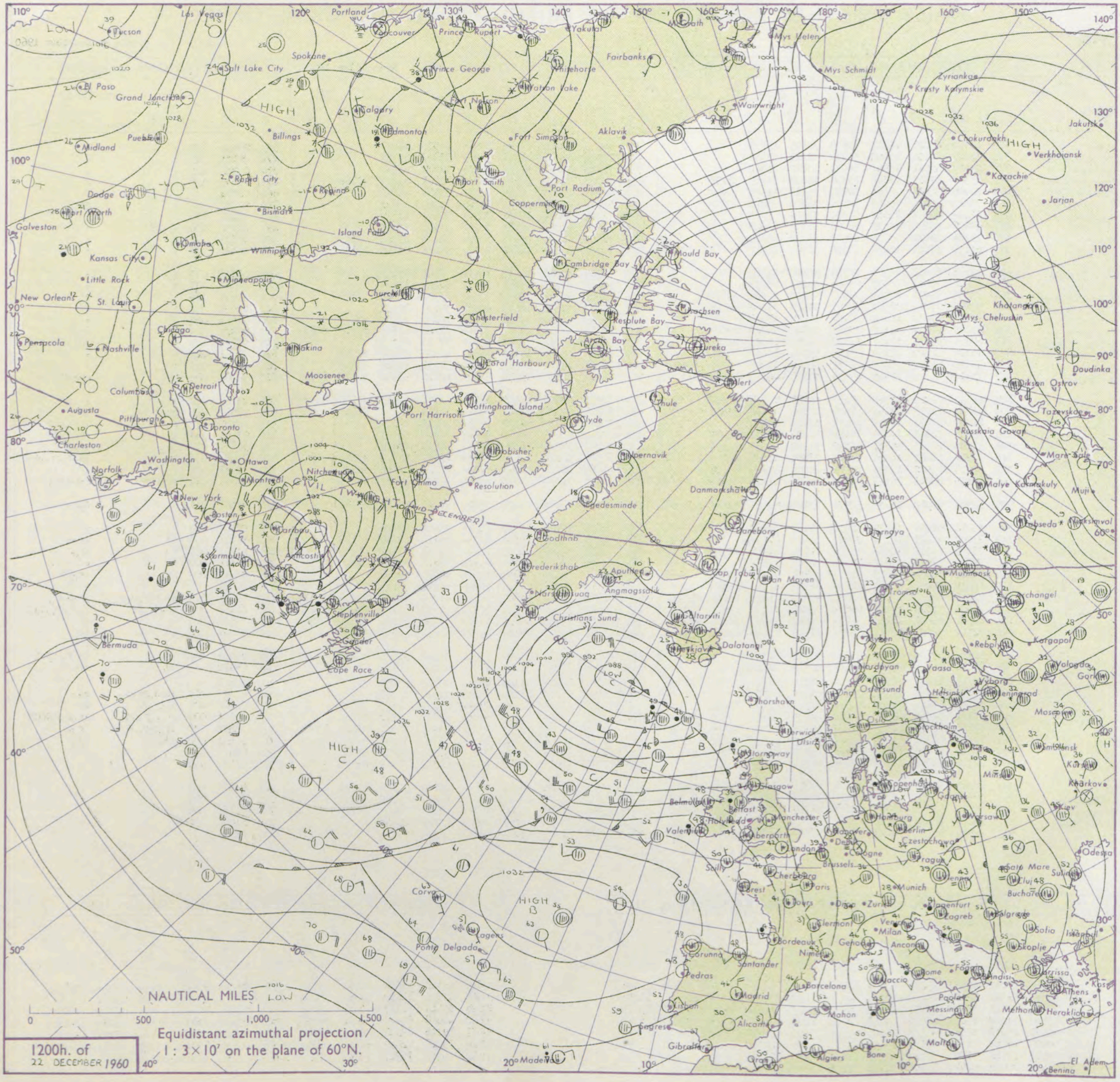
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_s$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
A	50619	33118	53632	80158	02837	29598	00240	+++++	+++++	05728	14948
B	50565	51018	82022	58718	16134	4742+	00749	84710	88458	05431	11634
C	50528	35518	62737	63031	25842	52460	00252	85812	+++++	05335	17665
D	50440	41018	50210	69012	38148	55600	00400	85635	+++++	06039	13546
I	50587	19318	62327	98026	89548	58430	00719	85816	+++++	05244	12337
J	50526	19218	52630	98216	06250	2637+	00743	82708	85460	05043	149+9
K	50448	16018	72712	70028	29554	784++	00714	82816	87632	05348	12752
M											

All times of observation printed in this publication are GREENWICH MEAN TIME.

SIR GRAHAM SUTTON, C.B.E., D.Sc., F.R.S., Director General. Meteorological Office, Air Ministry, Kingsway, London, W.C.2

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WEST EUROPE

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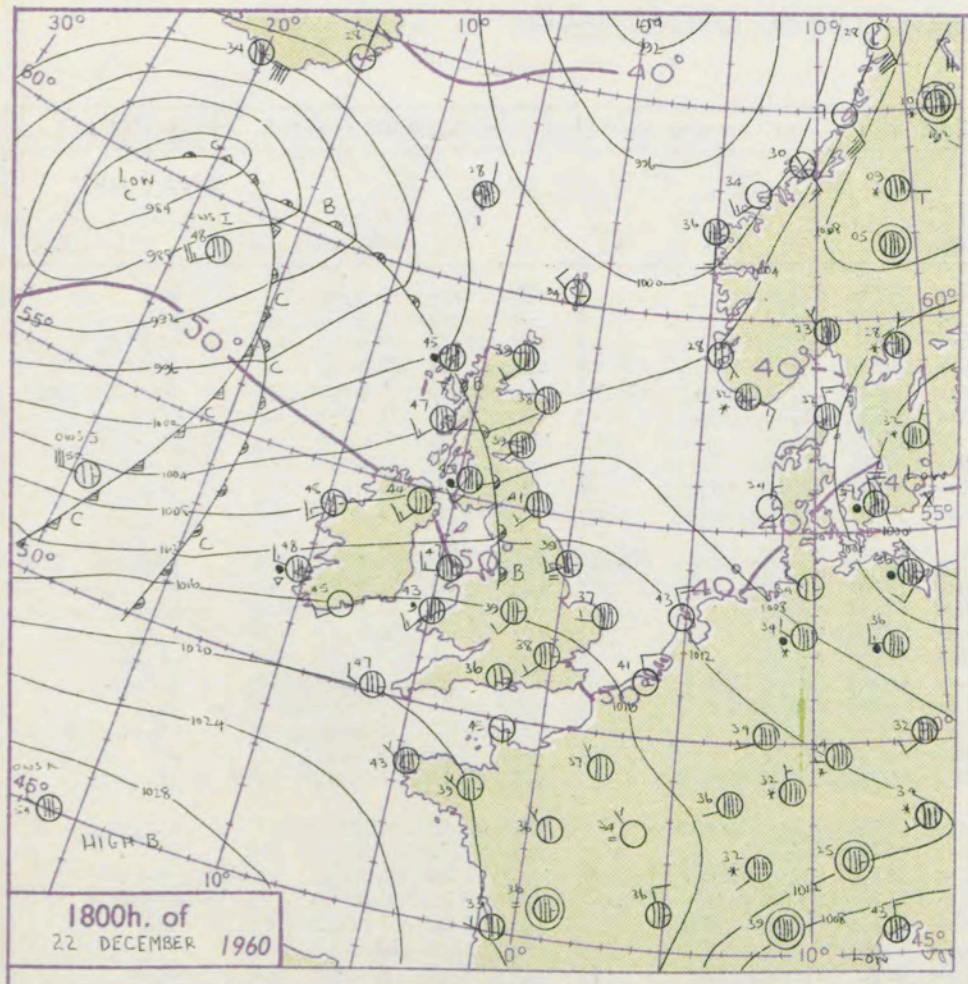

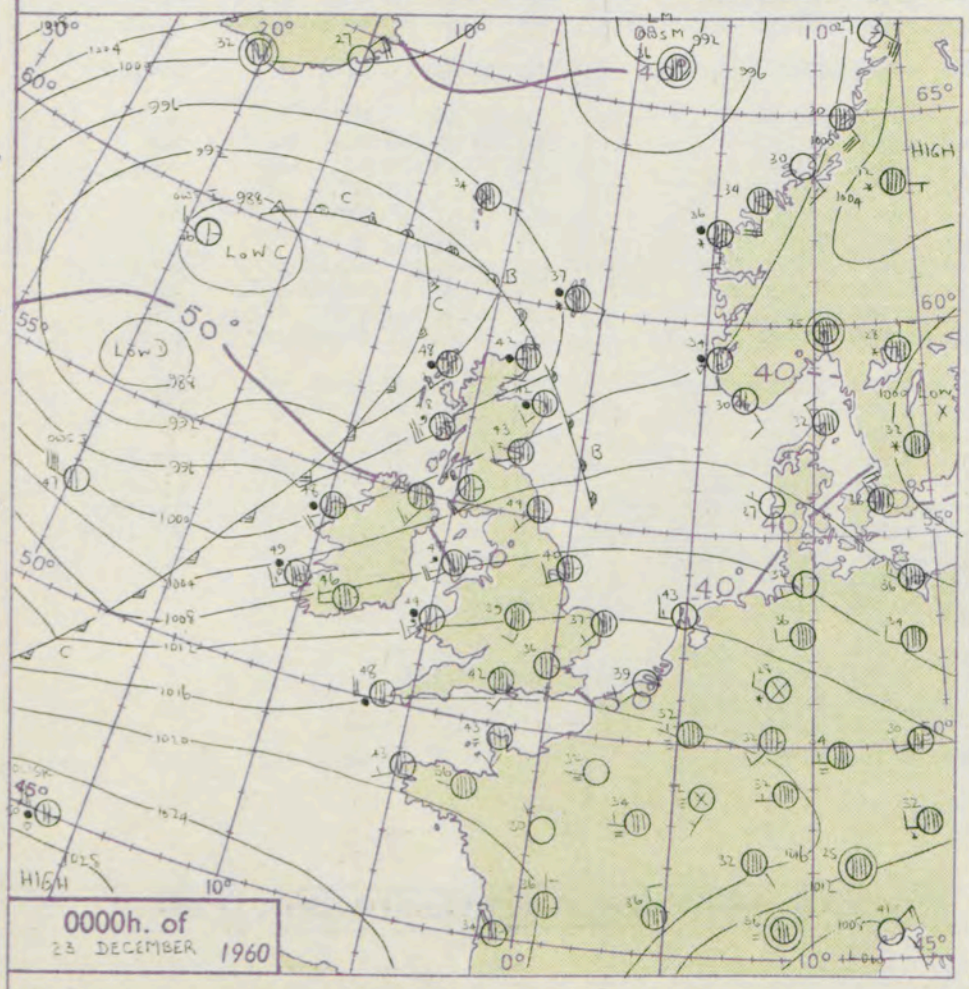

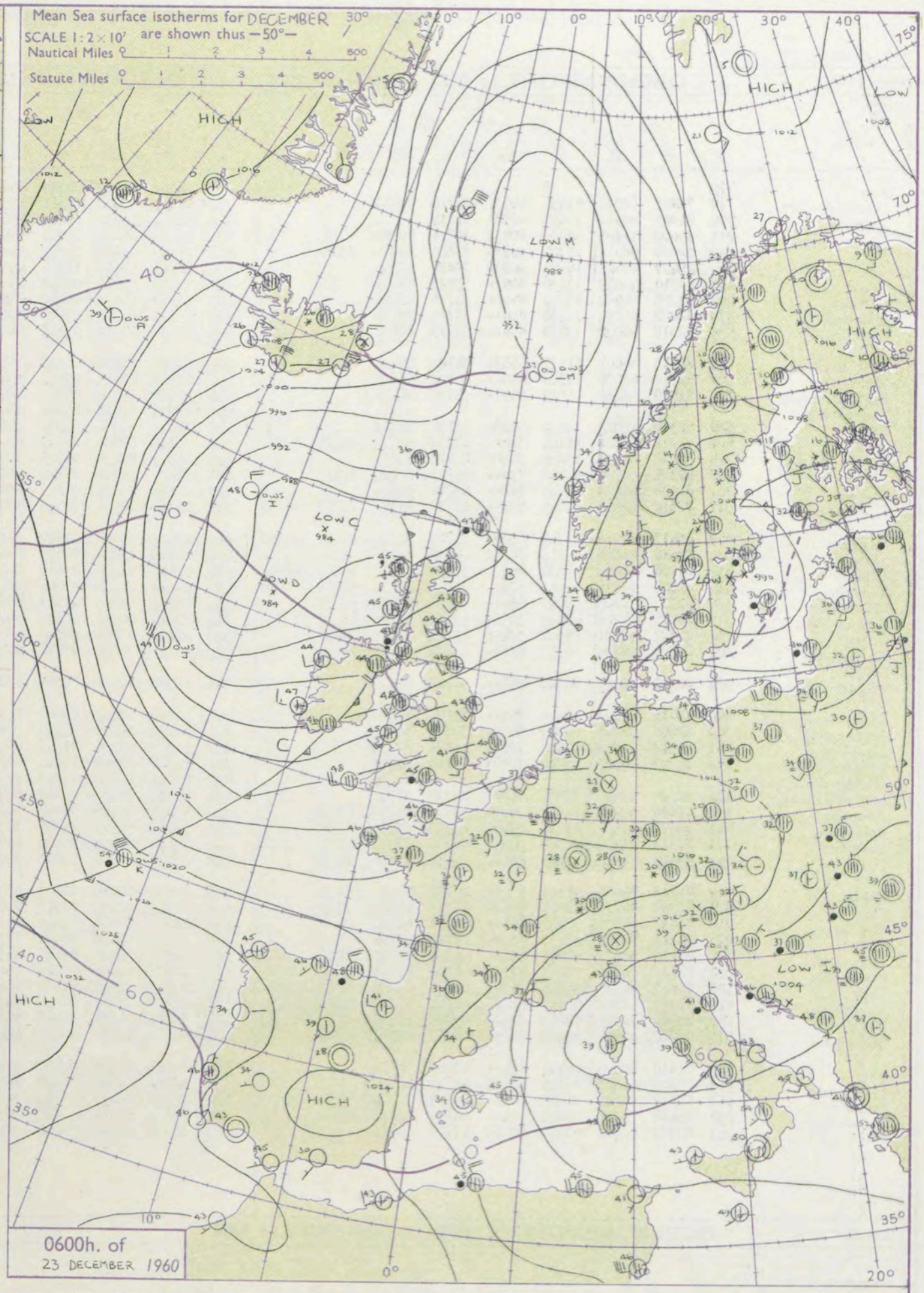

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Friday 23 December 1960

A complex low pressure system which was southwest of Iceland yesterday has moved southeast and is now west of Scotland. It will move eastward across the British Isles during the next 24 hours. Its warm front has already crossed all areas and the cold front now lies across Scotland and Ireland. This will move eastwards across the remaining districts of the British Isles by tomorrow morning though it may be retarded temporarily over England by minor waves.

FORECAST for Great Britain and Northern Ireland until noon tomorrow

It will be mostly cloudy and mild with rain or drizzle in places at first. Brighter, colder and showery weather is already spreading into west Scotland and Northern Ireland and will extend to all parts by tomorrow morning. The showers will turn to snow over the hills in the north later.

OUTLOOK for the following 24 hours

Bright periods. Scattered showers. Rather cold.

Code FM 11.A

OBSERVATIONS at 00h. 23 December 1960

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sC_sh_s$	$8N_sC_sh_s$	$8N_sC_sh_s$
Kew	775			38					
London Airport	772	71807	62031	14436	6563+	34720	86630		
Gatwick	776	01905	58011	15433	00900	31714			
Thorney Island	871	50000	14101	16033	20931	32716	82360	85075	
Hurn	862	82006	60012	15342	20936	37820	82360	88280	
Guernsey	894	22409	82021	18244	20930	38815	82360		
Felixstowe	697	82810	40022	13138	8097+	35820	88459		
Gorleston	497	82305	60022	12937	855++	34716	88624		
Mildenhall	578	82209	40052	12438	856++	35721	88631		
Cardington	559	82312	58032	13539	856++	35719	88630		
West Raynham	485	82513	56602	11537	5557+	34721	85625	88459	
Wittering	462	82310	62032	11740	855++	35722	88620		
Boscombe Down	746	81909	56022	15037	855++	35720	88626		
Ross-on-Wye	627	82208	57526	05244	864++	42733	88715		
Bristol	628	52312	48012	14242	50970	41716	85360		
Aberporth	502	72213	62588	11144	374++	43730	83712	84625	85645
Rhoose (Cardiff)	715	32512	80015	13245	35500	43724	83625		
Plymouth	827	82315	58586	15348	874++	45728	82709	88713	
Chivenor	707	82008	48535	13845	862++	43718	88604		
St. Mawgan	817	72310	40515	14745	562++	45830	81701	85703	86707
Culdrose	809	82417	62216	15747	6547+	45725	82709	86614	85460
Scilly	804	72618	81606	15348	76300	48730	87707		
Elmdon	534	81908	62022	11339	3543+	37720	83615	85650	87360
Shawbury	414	82009	74516	10243	374++	41726	83714	86618	88628
Manchester	334	81913	58206	09242	856++	40728	82620	88630	
Squires Gate	318	82415	61026	07545	355++	43723	81716	83626	87635
Valley	302	82322	69502	08348	374++	43732	83710	88631	
Ronaldsway	204	82325	66606	06547	856++	43731	81712	88636	
Silloth									
Watnall	354	82310	28026	10240	854++	37724	88615		
Spurn Head	396	72415	57012	09540	755++	38724	87620		
Finningley	360	82008	48216	09340	855++	38725	88626		
Dishforth	261	22413	56016	07445	20930	41827	82358		
Tynemouth	262	72307	58022	05244	7097+	39728	87358		
Eskdalemuir									
Mull of Galloway	131	82324	80022	03346	864++	44738	88718		
Prestwick	135	72014	64216	02046	35400	43735	83713	87637	
Renfrew	141	82216	62585	01245	374++	43733	83711	87623	
Leuchars	171	82411	40106	00343	374++	41733	83710	85713	88620
Dyce	091	82210	59636	99742	856++	40732	81620	88635	
Wick	075	81913	74636	96242	854++	40737	83615	88636	
Cape Wrath	049	82309	66636	91345	865++	45753	88720		
Sule Skerry	010	81813	66636	93946	864++	44738	88710		
Lerwick	005	81111	74681	97437	864++	28725	88710		
Stornoway	026	82116	58636	91848	454++	46748	82706	84612	88623
Benbecula	022	82219	22596	93248	472++	48740	84703	86704	88708
Tiree	100	82223	48516	96548	363++	48740	83706	85712	88618
Aldergrove	917	82017	62202	03145	363++	42744	83709	86711	88625
Malin Head	980	82014	74026	99647	864++	45739	88715		
Belmullet	976	82022	48635	99448	862++	48757	85704	88712	
Birr	965	82110	62505	06446	874++	43741	88711		
Collinstown	969	22314	66015	05644	26400	41744	82714		
Rineanna	962	62216	74216	06047	663++	46748	82709	84717	86635
Roches Point	952	72410	74026	09446	764++	44737	84711	87640	
Valentia	953	82317	62806	07749	834++	47749	88919		

OBSERVATIONS at 06h. 23 December 1960

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sC_sh_s$	$8N_sC_sh_s$	$8N_sC_sh_s$
Kew	775	72313	70022	08943	756++	39735	87635		
London Airport	772	61812	66026	08441	65600	39737	86635		
Gatwick	776	62111	60202	09643	256++	41836	82614	86630	
Thorney Island	871	72007	64625	09746	555++	44737	85620	86630	
Hurn	862	71907	58606	08945	354++	43740	83711	85615	87641
Guernsey	894	82116	63616	12346	453++	45837	84708	88611	
Felixstowe	697	12413	56011	08840	15500	37729	81626		
Gorleston	497	82112	48022	08340	855++	38721	88621		
Mildenhall	578	72213	64202	07242	756++	39730	82625	87639	
Cardington	559	82309	63032	07341	664++	39732	86712	88630	
West Raynham	485	82220	58026	06340	363++	38731	83708	86710	88638
Wittering	462	22311	62011	05641	25400	39736	82610		
Boscombe Down	746	31908	58016	08741	36400	41838	83718		
Ross-on-Wye	627	82208	57526	05244	864++	42733	88715		
Bristol	628	72112	56036	06944	755++	42842	87625		
Aberporth	502	72115	62206	03045	574++	44643	85711	85632	
Rhoose (Cardiff)	715	82309	80036	06545	854++	43738	82715	88632	
Plymouth	827	72416	59206	08149	764++	46744	87712		
Chivenor	707	62115	74036	06645	65500	44740	86621		
St. Mawgan	817	82208	48506	07545	562++	45739	85705	88707	
Culdrose	809	82417	58586	08847	3732+	46744	83707	88518	
Scilly	804	72623	79036	08448	755++	47850	87622		
Elmdon	534	81813	62025	05643	562++	41735	85704	88620	
Shawbury	414	81910	78585	03445	474++	41734	84714	85621	88631
Manchester	334	82017	59205	02343	856++	41734	82706	88630	
Squires Gate	318	72214	80022	00546	354++	41735	83618	87638	
Valley	302	82122	66216	00348	474++	46741	84714	88631	
Ronaldsway	204	82128	66026	98848	554++	44740	85713	88626	
Silloth									
Watnall	354	82308	40502	04042	572++	40733	85705	88709	
Spurn Head	396	72115	57032	03742	755++	40727	87620		
Finningley	360	12104	48011	03542	00901	40729	81075		
Dishforth	261	81910	48506	01543	855++	40730	88622		
Tynemouth	262	72315	61022	99146	7097+	42733	87358		
Eskdalemuir	162	82111	48616	97942	872++	42720	88704		
Mull of Galloway	131	82330	74636	95247	874++	47758	88715		
Prestwick	135	82014	56586	95046	553++	43737	82706	85709	88618
Renfrew	141	82118	50585	94745	373++	44734	83707	85711	88716
Leuchars	171	72510	62025	94344	5647+	41729	85713	87458	
Dyce	091	82109	66026	93543	356++	40731	83640	88656	
Wick	075	81808	80216	90343	857++	41620	81625	88650	
Cape Wrath	049	92313	01596,	87547	9+0++	47718	89+00		
Sule Skerry	010	82409	58536	87548	863++	48705	88706		
Lerwick	005	81213	63636	89242	873++	42745	88706		
Stornoway	026	82505	58516	89045	464++	43608	84713	88625	
Benbecula	022	72308	62206	89646	354++	44608	81710	83618	87634
Tiree	100	52212	74216	91345	25678	44620	82630	83459	86272
Aldergrove	917	81920	59216	95244	663++	44739	86706	88709	
Malin Head	980	52311	74215	92945	654++	45624	82710	85645	
Belmullet	976	42311	78036	93244	42400	41733	84818		
Birr	965	82107	61215	98344	6642+	43833	86713	88458	
Collinstown	969	82211	66616	[illegible]46	864++	44739	83710	87715	88630
Rineanna	962	72108	66016	44	5543+	44629	81715	85628	87358
Roches Point	952	82309	66216	00346	5637+	45738	85710	88458	
Valentia	953	32717	74026	99447	32500	41734	83825		

OBSERVATIONS during NIGHT

Station	iii	$R_RT_nT_nE$	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Kew	775	97381	30 +		id_o
London Airport	772	91351	28 +		ir_o
Gatwick	776	01321	28 +		$id_or_or_o$
Thorney Island	871	01321	28 +		id_odr
Hurn	862	94351	31 pr_o		$irir_od_or_oir_o$
Guernsey	894	01401	31 ir_o		r_or_o
Felixstowe	697	97371	35 +		ir_o
Gorleston	497	00332	33 +		+
Mildenhall	578	97361	34 id_o		ir_o
Cardington	559	00371	33 +		+
West Raynham	485	97351	31 r_or_o		ir_o
Wittering	462	00381	34 +		+
Boscombe Down	746	97351	30 +		ir_oid_o
Ross-on-Wye	627	96411	39 +		d_or_o
Bristol	628	97421	23 +		ir_oid_o
Aberporth	502	01431	41 $pr_od_or_oid_o$		$d_or_oid_o$
Rhoose (Cardiff)	715	92411	37 $d_od_oir_o$		+
Plymouth	827	03382	33 ir_od_oR		ir_oid_oIRdr
Chivenor	707	02431	42 $id_od_or_o$		ir_o
St. Mawgan	817	02431	41 d_od_oiR		id_o
Culdrose	809	02451	43 $ir_or_or_o$		$d_or_oir_o$
Scilly	804	01471	ir_o		ir
Elmdon	534	97381	34 id_o		id_o
Shawbury	414	97421	36 $d_od_oid_o$		$id_od_or_o$
Manchester	334	97391	37 ir_oid_o		id_o
Squires Gate	318	00431	42 +		+
Valley	302	03471	44 id_o		ddir
Ronaldsway	204	05471	45 r_or_o		irr_or_o
Silloth					
Watnall	354	91381	35 d_or_o		$d_od_od_or_o$
Spurn Head	396	00390	+		++
Finningley	360	97381	36 ir_o		id_o
Dishforth	261	97411	36 +		ir_oid_o
Tynemouth	262	00411	37 +		+
Eskdalemuir	162	05411	39 ir_o		rr
Mull of Galloway	131	05442			
Prestwick	135	01441	42 $ir_od_od_o$		drr_or_o
Renfrew	141	01441	42 $id_od_or_od_od_o$		$d_od_od_or_o$
Leuchars	171	97411	41 id_o		ir_o
Dyce	091	02361	34 $ir_or_or_orr$		$ir_or_or_o$
Wick	075	03402	38 rr		ir_o
Cape Wrath	049	13412	34 ir		irf
Sule Skerry	010	16422	39		
Lerwick	005	08322	29 $ir_os_or_or_o$		r_or_orrdd
Stornoway	026	09392	35 $rrRRr_or_o$		d_or_odrdd
Benbecula	022	11441	38 rrdrdd		$d_od_oir_opr_o$
Tiree	100	08431	39 $ir_od_od_orr$		$drrrir_odr$
Aldergrove	917	02421	38 id_o		ir_orr
Malin Head	980	04421	39		
Belmullet	976	03431	40		
Birr	965	05421	39		
Collinstown	969	01441	40		
Rineanna	962	07421	39		
Roches Point	952	13441	41		
Valentia	953	06431	41		

Code FM 21.A

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_s$app	$8N_sC_sh_s$	$8N_sC_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
A	60620	32900	33610	80158	10137	39500	00229	+++++	+++++	05630	13633
B	60565	51000	81842	46687	00239	8032+	00876	88508	+++++	00137	11738
C	60528	35500	32723	69011	31841	32400	00317	83812	+++++	05331	17651
D	60440	41000	51105	69022	40748	25530	00107	82629	+++++	05933	13646
I	60588	19000	32814	98021	86846	32400	00509	83818	+++++	05441	12834
J	60527	19100	42740	96258	98647	49400	00735	84915	+++++	05341	17742
K	60448	15900	52725	65802	27250	5841++	00719	84816	+++++	05548	12753
M	63661	02000	60000	70271	91536	69400	41503	85915	+++++	06330	12421

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_s$app	$8N_sC_sh_s$	$8N_sC_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
A	60620	32906	32806	85020	14539	32500	00214	+++++	+++++	05430	12821
B	60565	51006	72339	63026	93243	71500	00515	87825	+++++	00534	16940
C	60528	35506	82513	69021	31943	824++	00603	88815	+++++	05133	12659
D	60440	41006	71614	72021	39152	755++	00803	87625	+++++	05636	149+5
I	60589	18906	13318	98020	91048	15600	00227	81630	+++++	05244	13234
J	60526	19306	42837	96258	98649	42400	61309	83815	+++++	05143	17742
K	70450	16306	72938	65616	21054	784++	72729	83816	84633	05246	12766
M	60660	02106	13416	75021	91537	14500	00802	+++++	+++++	05930	12423

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DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 36192

Date of Issue Saturday 24 December 1960

Code FM 11.A — OBSERVATIONS at 12h. 23 December 1960

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_d app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775	62112	70258	04047	5853+	44720	83825		
London Airport	772	81908	58616	04146	5553+	45623	81711	85620	
Gatwick	776	72215	56616	05046	753++	45724	87706	87620	
Thorney Island	871	82212	61606	05348	883++	45724	81709	83715	88635
Hurn	862	72113	66216	04350	654+3	46723	81715	86618	86075
Guernsey	894	81919	58506	06647	562++	45730	85704	87620	
Felixstowe	697	82318	61216	05444	554++	43720	82712	85616	88624
Gorleston	497	72016	58535	05244	6547+	42723	86614	87360	
Mildenhall	578	71909	50056	03346	454+1	43720	84711	84630	85075
Cardington	559	72014	63022	02648	45572	43725	84625	87070	
West Raynham	485	72220	61026	02745	46301	42820	84708	85640	87072
Wittering	462	72111	66026	01945	7567+	42722	82612	87635	
Boscombe Down	746	82013	61505	03747	553++	45725	82703	85706	88635
Ross-on-Wye	627	82112	66022	00046	7751+	42727	87720		
Bristol	628	72114	66012	02148	5847+	44729	84818	87359	
Aberporth	502	82316	66616	97645	373++	45723	83708	88630	
Rhoose (Cardiff)	715	82211	80022	01147	4552+	43730	84625	88459	
Plymouth	827	72022	66016	01750	4647+	48736	84710	87363	
Chivenor	707	81815	69036	00348	3553+	45836	82712	83625	88360
St. Mawgan	817	82208	62616	01145	4762+	43737	81707	84540	
Culdrose	809	82518	50626	02347	372++	46730	81702	83705	88712
Scilly	804	82616	66216	00947	854++	47728	88618		
Elmdon	534	81913	58016	01046	564++	42720	82710	85615	87656
Shawbury	414	81609	74216	98646	855++	42723	88620		
Manchester	334	81817	56022	98345	3567+	41720	81715	83630	88362
Squires Gate	318	81714	24586	96446	4542+	44720	82712	84618	87630
Valley	302	82414	66216	96048	5642+	45712	85712	88530	91838
Ronaldsway	204	72612	80016	95747	3147+	43610	81715	83818	87458
Silloth									
Watnall	354	82212	48026	99944	663++	42721	81706	86708	88630
Spurn Head	396	71919	48022	01043	755++	41716	87620		
Finningley	360	82014	40035	99745	5547+	43720	81615	85618	87362
Dishforth	261	81810	24055	97744	3637+	42719	83709	87625	88460
Tynemouth	262	82015	32022	96445	8092+	42616	88458		
Eskdalemuir	162	82110	56616	95443	873++	43711	88707		
Mull of Galloway	131	82315	80022	94346	2143+	44502	82815	86360	
Prestwick	135	72411	62016	93647	68432	42602	80710	83816	85645
Renfrew	141	72311	37046	93547	5853+	43603	82825	84640	87359
Leuchars	171	82405	66036	93146	574++	42605	85712	86616	88622
Dyce	091	62201	62216	92744	35772	41201	81715	83656	85070
Wick	075	72705	86026	91243	3557+	40207	83625	85635	87458
Cape Wrath	049	82309	82022	98845	864++	43206	88715		
Sule Skerry	010	72505	81015	89147	43472	43219	84910	85460	
Lerwick	005	82315	66286	88746	760++	46310	87701		
Stornoway	026	12406	80015	91743	18500	40217	81820		
Benbecula	022	12205	82028	92047	13400	42213	81919		
Tiree	100	52008	74158	92443	59402	41206	82918	83640	
Aldergrove	917	62009	66022	94642	25632	40000	82640	83358	
Malin Head	980	42109	74028	93043	485++	40000	83822	84645	91838
Belmullet	976	62404	80258	92145	634++	40202	86919	9972+	
Birr	965	22106	80018	95145	23500	39718	81921		
Collinstown	969	72410	62022	95144	1647+	40712	81718	87459	
Rineanna	962	32110	80258	94945	39530	42714	83925		
Roches Point	952	12510	74028	96646	19402	41721	81918	91848	
Valentia	953	62806	75258	96744	695++	42710	86924	91838	

OBSERVATIONS at 18h. 23 December 1960

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_d app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775	81710	58028	01747	6562+	43603	82615	86630	88499
London Airport	772	81712	59216	01646	454++	44606	84710	88613	
Gatwick	776	81914	50616	02345	663++	43712	86706	88710	
Thorney Island	871	71815	74216	01747	756++	45610	87630		
Hurn	862	81713	61608	00348	473++	46713	84708	86712	88618
Guernsey	894	82016	62216	01848	564++	47514	85716	87635	
Felixstowe	697	72220	66026	03245	355++	42707	83624	87643	
Gorleston	497	31915	60016	03045	35500	43602	83620		
Mildenhall	578	81913	61022	01347	454++	43601	84714	88624	
Cardington	559	81809	62026	00647	35677	43500	83635	85460	88270
West Raynham	485	72116	58022	00545	3647+	43603	83711	85645	87358
Wittering	462	71810	56026	99744	5563+	42604	81614	85637	86362
Boscombe Down	746	81816	62216	00446	863++	44708	88709		
Ross-on-Wye	627	72109	70028	98044	756++	40501	87630		
Bristol	628	72007	48216	99845	756++	43302	87625		
Aberporth	502	62012	74806	97641	6847+	40308	83818	84650	
Rhoose (Cardiff)	715	83306	62516	98744	474++	43502	84711	88620	
Plymouth	827	30102	29016	99142	12501	41400	81820	83074	
Chivenor	707	70000	69806	98544	794++	42400	83915	87620	
St. Mawgan	817	21907	66258	99041	22430	32400	82818		
Culdrose	809	52505	66258	99844	4941+	40703	83912		
Scilly	804	53012	69258	99146	58400	42502	83812	84622	
Elmdon	534	81610	58602	98746	3747+	44703	83718	87620	
Shawbury	414	81502,	26636	97344	674++	43500	86710	88617	
Manchester	334	81609	48616	97245	554++	43305	85712	88625	
Squires Gate	318	70000	09416	96942	454++	42308	84618	87650	
Valley	302	70000	74022	96742	48532	40310	82820	83610	86360
Ronaldsway	204	23303	66018	97239	12401	36215	81818		
Silloth									
Watnall	354	72007	48026	98445	35532	42501	83620	83650	85360
Spurn Head	396	51812	57012	99044	55500	43702	85620		
Finningley	360	31802	56011	98543	30930	41305	83360		
Dishforth	261	71611	23106	97544	364++	43306	83716	87650	
Tynemouth	262	82708	16102	96745	855++	43104	88625		
Eskdalemuir	162	60000	48016	97936	2557+	36319	82628	85360	
Mull of Galloway	131	82705	80022	97042	3143+	40325	83815	83360	
Prestwick	135	71103	33048	96839	5562+	38322	85645		
Renfrew	141	72505	14218	96742	58532	42217	82822	84640	86360
Leuchars	171	62506	17102	95241	35601	39218	81620	83635	85070
Dyce	091	70000	40216	96040	756++	39325	81715	87643	
Wick	075	62608	80032	95637	656++	35227	86635		
Cape Wrath	049	42309	83022	94144	48500	39226	84825		
Sule Skerry	010	73402	66812	92847	764++	44221	87715		
Lerwick	005	80128	63606	93641	873++	40238	88706		
Stornoway	026	73521	66801	96341	794++	39328	81712	87926	
Benbecula	022	53111	69250	97044	58400	41232	82819	84640	
Tiree	100	30000	74158	97341	29460	39235	82918		
Aldergrove	917	70000	62022	97538	755++	37228	81615	87626	
Malin Head	980	73306	74808	97544	785++	42235	85820	87645	
Belmullet	976	73507	69808	98544	734++	41244	87919		
Birr	965	60000	74031	97138	656++	36316	86638		
Collinstown	969	72502	58102	97241	756++	38222	83630	87656	
Rineanna	962	22804	83018	97140	23500	37221	81923		
Roches Point	952	23003	80010	97740	29400	38218	81919		
Valentia	953	73609	69808	98746	735++	42221	87922		

OBSERVATIONS during DAY

Station	iii	RRT_xT_xE	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Kew	775	92481	007	id_opr_o	$irid_o$
London Airport	772	95482	000	$id_or_or_o$	ir_oid_o
Gatwick	776	05461	000	$d_od_orrr_or_o$	r_or_o
Thorney Island	871	01491	002	$d_or_oir_o$	$ir_or_or_oir_o$
Hurn	862	06501		$ir_or_or_o$	pr_oir_oRR
Guernsey	894	01481	001	id_o	$ir_oirr_or_o$
Felixstowe	697	01461	003	ir_oid_o	ir_o
Gorleston	497	97462	000	$d_od_oir_o$	ir_o
Mildenhall	578	00481	002	+	+
Cardington	559	97491	006	ir_o	+
West Raynham	485	97451	000	ir_o	+
Wittering	462	91461	000	ir_o	r_or_o
Boscombe Down	746	05471	001	id_oir_o	rrr_or_o
Ross-on-Wye	627	91471	000	+	pr_o
Bristol	628	01491	000	+	ir_oid_o
Aberporth	502	07471	000	$drRRr_or_oid_o$	$r_or_opr_o$
Rhoose (Cardiff)	715	02482	000	+	$r_or_od_od_o$
Plymouth	827	03511	000	ir_oiR	ir_oiR
Chivenor	707	02481	001	r_or_o	$r_or_opr_o$
St. Mawgan	817	03471	002	$d_or_or_or_oiR$	pr_opr
Culdrose	809	08491	001	$ir_or_or_o$	rrr_or_opr
Scilly	804	04490	010	$irrrpr_o$	pr_o
Elmdon	534	01472	000	$ir_or_or_o$	$ir_od_or_o$
Shawbury	414	02461	000	$ir_oid_oir_o$	$drrrd_od_oir_o$
Manchester	334	03462	000	ir_o	$r_or_orrr_or_of$
Squires Gate	318	06461	000	$d_or_od_od_or_or_oRRr_or_od_or_oRRrrrif$	
Valley	302	03481	001	$irrrr_or_o$	+
Ronaldsway	204	01481	003	r_or_o	pr_opr
Silloth					
Watnall	354	95461	000	id_oir_o	r_or_o
Spurn Head	396	00450	000	+	+
Finningley	360	97461	000	+	id_o
Dishforth	261	96461	000	id_oir_o	$d_or_oRRpr_oir_o$
Tynemouth	262	00461	000	+	+
Eskdalemuir	162	03431	000	rrr_or_o	FF
Mull of Galloway	131	94472			
Prestwick	135	97481	002	pr_o	+
Renfrew	141	01471	000	$d_od_oid_opr_o$	fir_o
Leuchars	171	97461	000	ir_o	+
Dyce	091	01451	000	$r_or_oir_o$	$ir_or_or_o$
Wick	075	00451	000	+	+
Cape Wrath	049	03462		+	ir
Sule Skerry	010	03492			
Lerwick	005	95462	000	+	$ir_od_or_o$
Stornoway	026	01452	035	+	$pr_or_or_odd$
Benbecula	022	01481	048	+	pr
Tiree	100	03471	011	pr_o	pr_opr
Aldergrove	917	00451	008	+	+
Malin Head	980	9346	012		
Belmullet	976	0247	011		
Birr	965	9146	034		
Collinstown	969	0146	018		
Rineanna	962	0347	021		
Roches Point	952	9747	042		
Valentia	953	0547	012		

Code FM 21.A — OCEAN WEATHER STATION REPORTS at 12h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
A	60619	32912	82119	80158	11737	895++	00723	+++++	+++++	05627	12121
B	60565	51012	82340	63042	95430	85400	00308	88615	+++++	05811	16941
C	60528	35512	72319	69022	28946	21552	00817	82825	83357	00240	12248
D	60440	41012	71818	69021	38456	756++	00502	87630	+++++	05247	13565
I	60588	18912	63634	98878	06443	5256+	81289	85820	+++++	05740	10136
J	60527	19612	63246	95808	06947	634++	71269	82712	83915	05345	199+6
K	60451	16412	63142	70258	21950	63500	71203	85923	+++++	05545	100+0
M	63659	02012	62618	70268	91137	59360	00608	83907	+++++	05925	12634

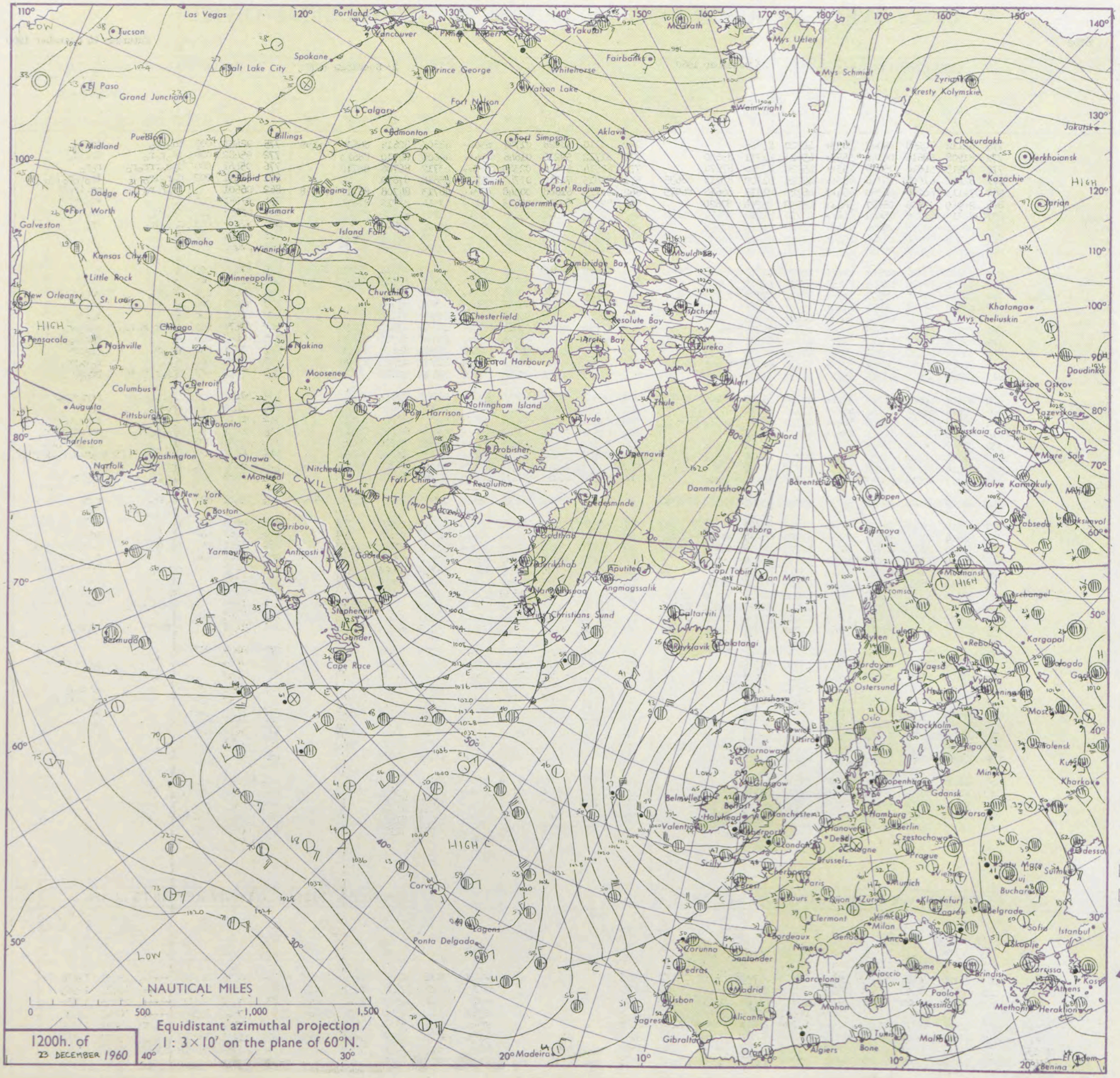
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
A	60620	33018	81636	60636	98337	6722+	00786	86706	+++++	05632	11636
B	60565	51018	72352	58857	95029	714++	00605	87815	+++++	05521	16955
C	60538	35518	82038	59612	22546	6742+	00622	86711	+++++	00245	11857
D	60440	41018	72320	60022	36460	755++	00608	87360	+++++	00247	12034
I	60589	18918	63513	98038	13743	5843+	00119	82818	83630	05631	13535
J	60530	19318	33339	95018	17049	31400	71257	83818	[illegible]	05147	18146
K	60451	16618	63240	70258	22150	69500	23312	84924	83640	05439	100+0
M	63660	02218	42621	75161	90436	49400	00605	82915	+++++	06128	12634

All times of observation printed in this publication are GREENWICH MEAN TIME.

SIR GRAHAM SUTTON, C.B.E., D.Sc., F.R.S., Director General. Meteorological Office, Air Ministry, Kingsway, London, W.C.2

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



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3–7
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13–17
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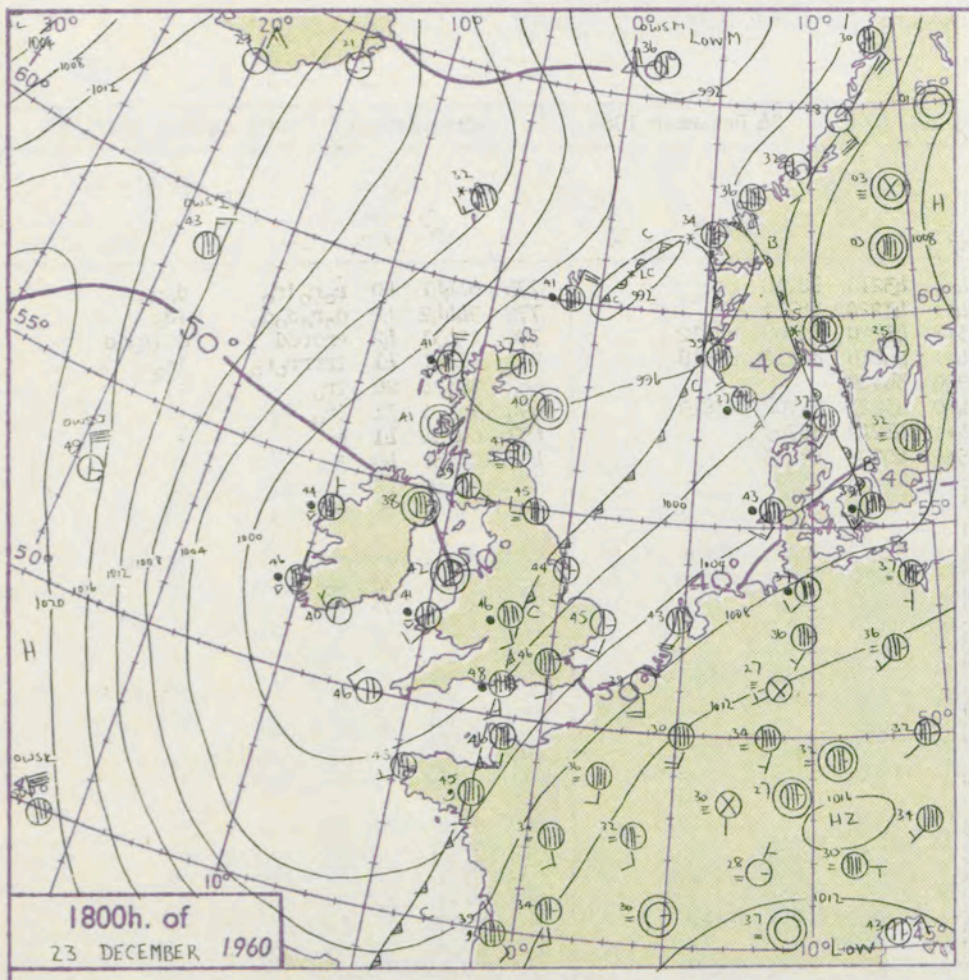
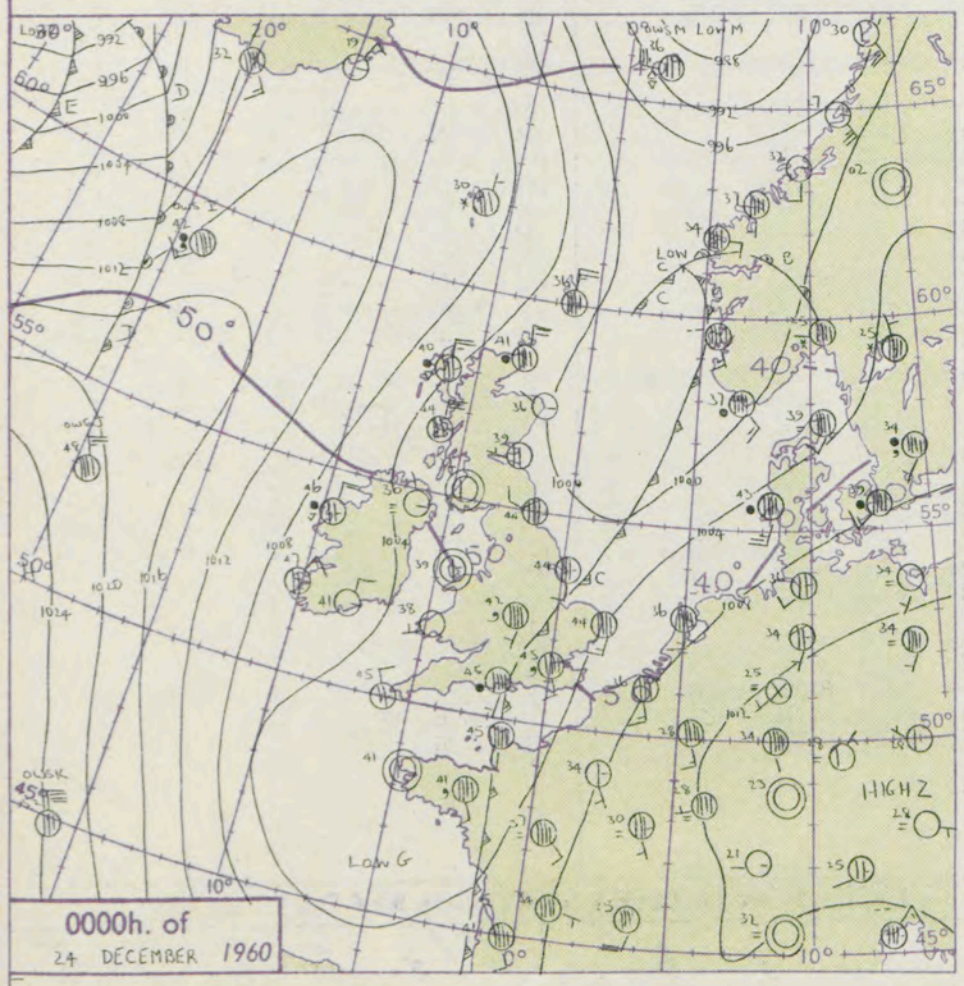
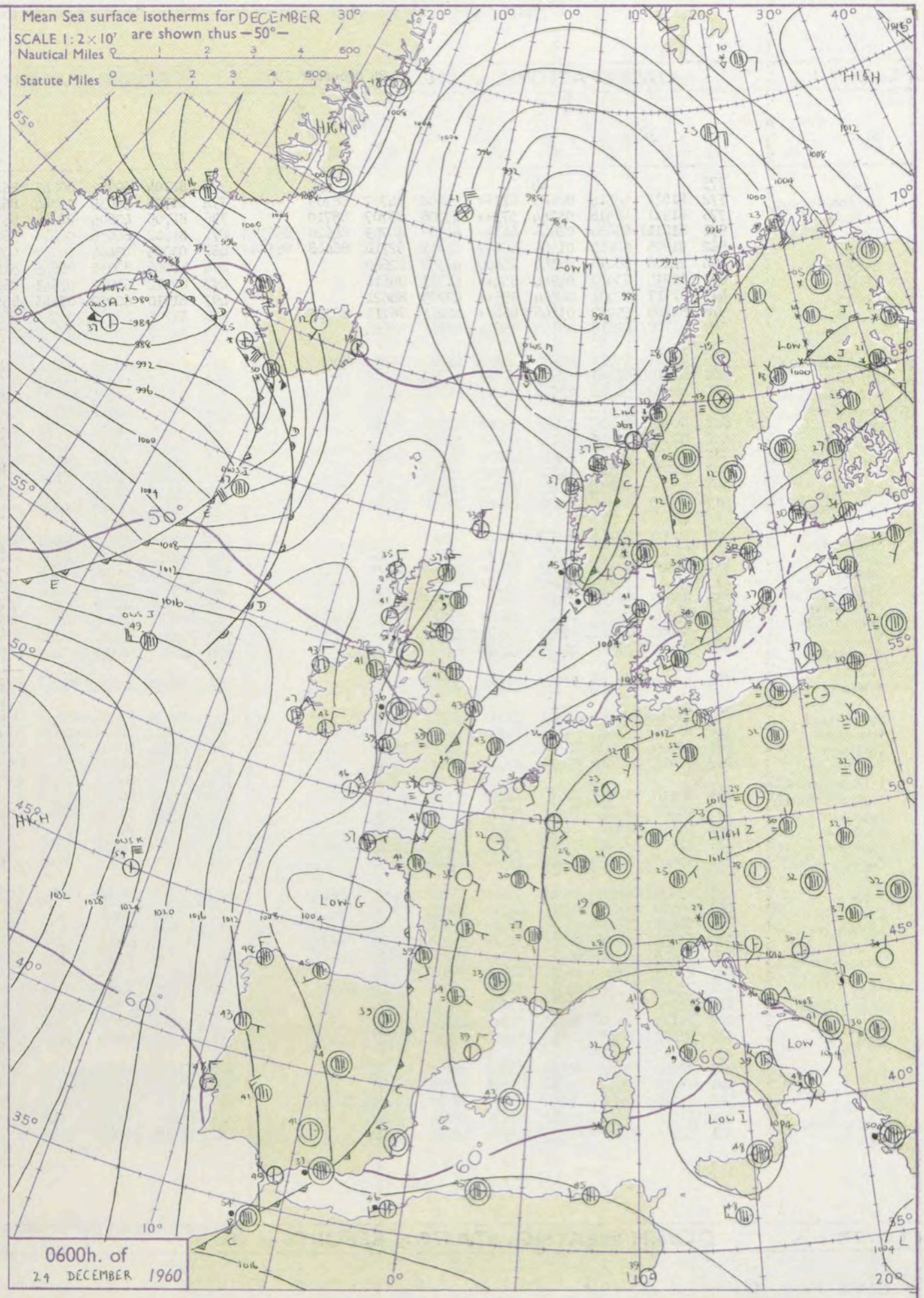
48–52







GENERAL SYNOPTIC DEVELOPMENT

A cold front has remained slow moving over southern districts of England but is tending to frontalise. A depression which formed yesterday near south Greenland is moving towards Iceland, and its associated frontal system is rapidly approaching the British Isles from the northwest. During the next 24 hours it will cross Scotland, Northern Ireland, Wales and northern England.

Issued at midday Saturday 24 December 1960

FORECAST

for Great Britain and Northern Ireland until noon tomorrow

It will remain cloudy in parts of eastern England today but bright periods will occur elsewhere. Fog patches may persist locally in Lancashire. Later today rain will spread into Scotland and Northern Ireland and during the night will extend to all parts of the British Isles. Brighter showery weather will reach northwest Scotland before midnight and most areas by midday.

OUTLOOK

for next 24 hours. Bright periods and scattered showers in most areas. Rain spreading into the west again later.

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE *(contd.)*

Code FM 11.A

OBSERVATIONS at 00h. 24 December 1960

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775			44					
London Airport	772	81611	58516	02645	813++	44308	84707	88709	
Gatwick	776	81911	48516	03244	573++	43206	85707	88710	
Thorney Island	871	818111	66636	02646	463++	44309	84709	84620	88638
Hurn	862	81905	62606	01445	6567+	43212	82714	86648	88358
Guernsey	894	21806	78016	02344	25600	42302	82640		
Felixstowe	697	82215	63032	04944	854++	41311	88614		
Gorleston	497	81917	62031	04844	855++	42205	88621		
Mildenhall	578	81708	59052	03146	864++	42211	86711	88715	
Cardington	559	81708	62616	02145	856++	43211	88632		
West Raynham	485	81811	58022	03643	563++	41220	85708	88615	
Wittering	462	81711	32586	01944	573++	43212	85706	88614	
Boscombe Down	746	81902	58026	01644	462++	43207	84704	88709	
Ross-on-Wye									
Bristol	628	50000	28106	02041	55600	41319	85630		
Aberporth	502	02504	82028	02238	00900	37228			
Rhoose (Cardiff)	715	20102	58106	02138	25600	36118	82635		
Plymouth	827	00000	48024	01736	00900	35216			
Chivenor	707	70906	74038	02149	757++	46321	82620	87656	
St. Mawgan	817	13205	62018	01639	12500	39217	81820		
Culdrose	809	00000	69011	01937	00900	33215			
Scilly	804	53308	81258	01445	58400	43215	85814		
Elmdon	534	81903	32506	02042	854++	41218	88612		
Shawbury	414	82903	62216	01940	855++	39226	88624		
Manchester	334	83605	32216	01043	855++	40220	88621		
Squires Gate	318	32201	14046	01541	35600	40223	81620	83645	
Valley	302	30000	66011	02239	38500	39230	81820	83635	
Ronaldsway	204	23508	74010	02643	22540	39330	82822		
Silloth									
Watnall	354	82405	37036	01543	873++	43218	88708		
Spurn Head	396	71812	48018	01244	755++	43211	87620		
Finningley	360	81703	40026	01443	754++	42215	87616	88624	
Dishforth	261	80000	08618	01043	872++	42215	88703		
Tynemouth	262	72910	58022	00444	756++	42217	87638		
Eskdalemuir									
Mull of Galloway	131	22910	80011	02141	23400	39229	82915		
Prestwick	135	20000	24041	02232	25600	32225	82640		
Renfrew	141	52506	40046	01738	55700	36325	85650		
Leuchars	171	42805	66021	00639	25601	37225	82640	83070	
Dyce	091	13002	58041	00836	15700	33223	81650		
Wick	075	83630	66608	01841	463++	38242	84709	88613	
Cape Wrath	049	80530	74026	03540	865++	32254	88720		
Sule Skerry	010	83637	58616	03140	864++	35252	88710		
Lerwick	005	83625	66206	01536	3742+	33237	83610	88540	
Stornoway	026	73623	62806	06140	785++	36237	82820	86632	
Benbecula	022	23619	82011	06340	28500	35237	82825		
Tiree	100	73630	62158	03944	794++	40236	82712	86916	
Aldergrove	917	13302	02444	03636	15600	36230	81630		
Malin Head	980	70126	62808	04145	734++	43331	87917		
Belmullet	976	53620	80808	07046	53400	42238	85918		
Birr	965	30000	66031	05436	35600	36241	83630		
Collinstown	969	63203	69012	03341	65600	39233	86640		
Rineanna	962	63206	82038	06438	685++	37242	82825	86650	
Roches Point	952	13510	80011	04741	15600	39242	81645		
Valentia	953	50114	69018	07247	53500	40245	85922		

OBSERVATIONS at 06h. 24 December 1960

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775	81704	69212	06845	864++	43218	88710		
London Airport	772	81705	58035	06344	864++	43220	88711		
Gatwick	776	81705	40605	06544	553++	43220	85708	88612	
Thorney Island	871	81902	66036	06445	364++	44218	83712	88618	
Hurn	862	03005	09464	06337	00900	36320			
Guernsey	894	31606	82030	06645	31400	43223	81708	83819	
Felixstowe	697	82212	64022	07643	864++	41212	88709		
Gorleston	497	81910	62022	07443	855++	40209	88623		
Mildenhall	578	81705	48052	06544	862++	41215	88705		
Cardington	559	81703	70036	06145	864++	43320	88712		
West Raynham	485	81913	40502	06242	462++	41212	84704	88706	
Wittering	462	82003	11206	06043	562++	43220	85704	88622	
Boscombe Down	746	33002	40014	06939	356++	39223	83630		
Ross-on-Wye	627	72002	60031	07236	655+1	35220	86625		
Bristol	628	90000	01434	07532	9+0++	32225	89+00		
Aberporth	502	63602	80031	07939	684++	38227	83811	85643	
Rhoose (Cardiff)	715	13406	62020	07434	15600	33226	81630		
Plymouth	827	03206	61024	07436	00900	34225			
Chivenor	707	10906	74021	08133	11400	31232	81812		
St. Mawgan	817	03506	66110	08240	00900	40235			
Culdrose	809	00208	72020	07838	00900	36230			
Scilly	804	30213	82020	08446	32400	43245	83814		
Elmdon	534	83002	20106	07039	855++	39225	88625		
Shawbury	414	12504	69026	07136	15600	35224	81645		
Manchester	334	82901	10106	06141	461++	40222	84702	88703	
Squires Gate	318	03109	40044	06543	00900	41223			
Valley	302	60000	58801	07036	685++	36220	85820	85635	
Ronaldsway	204	43108	66030	07243	38530	39120	82822	83359	
Silloth									
Watnall	354	83502	23216	06142	856++	40221	88636		
Spurn Head	396	81910	32038	04643	864++	42215	88715		
Finningley	360	32902	21011	05742	35800	39322	83657		
Dishforth	261	43505	58056	05342	35700	40221	81630	83656	
Tynemouth	262	82912	66022	05141	856++	38222	88638		
Eskdalemuir	162	60000	66022	07630	655++	30227	86623		
Mull of Galloway	131	23205	80030	05541	25500	39204	82620		
Prestwick	135	00000	09410	06729	00900	28221			
Renfrew	141	32704	74031	06736	35600	32123	83630		
Leuchars	171	72803	74031	05636	4563+	34227	84634	86358	
Dyce	091	83509	40506	06240	363++	39225	83706	88711	
Wick	075	83515	74216	08737	364++	33226	83712	84622	88634
Cape Wrath	049	80518	82026	09137	856++	32218	88725		
Sule Skerry	010	83613	81022	07439	864++	28204	88715		
Lerwick	005	33510	82015	06133	35600	27213	83630		
Stornoway	026	23308	80018	10435	25600	31108	82640		
Benbecula	022	10208	82021	10535	15600	32109	81635		
Tiree	100	23623	74011	09541	28500	36219	81820		
Aldergrove	917	73213	59206	08441	755++	39220	81705	87623	
Malin Head	980	43420	74028	10144	42500	38320	84822		
Belmullet	976	53512	80018	13743	53500	36123	85920		
Birr	965	53207	74031	11437	556++	36228	85632		
Collinstown	969	23009	80031	09238	25600	36223	82635		
Rineanna	962	53109	82038	13241	535++	39233	82920	85630	
Roches Point	952	43511	80030	11443	45400	40230	81714	84639	
Valentia	953	50115	69028	14147	53500	42231	85922		

OBSERVATIONS during NIGHT

Station	iii	RRT$_n$T$_n$E	TgTg	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Kew	775	01441	40	$r_or_oir_o$	d_od_o
London Airport	772	94442	42	$d_or_od_od_o$	id_o
Gatwick	776	02431	42	rrdrdd	ddir_odd
Thorney Island	871	02451	41	$irrrr_or_o$	ir_o
Hurn	862	97321	26	ir_o	+
Guernsey	894	95421	31	ir_o	+
Felixstowe	697	00421	41	+	+
Gorleston	497	00411	40	+	+
Mildenhall	578	97431	42	+	id
Cardington	559	92441	41	r_or_o	id_o
West Raynham	485	97421	41	+	ir_oid_o
Wittering	462	01401	32	$d_or_od_od_o$	id_o
Boscombe Down	746	95331	30	ir_of	FF
Ross-on-Wye	627	00351	30	+	+
Bristol	628	97291	21	ir_ofFF	FF
Aberporth	502	97361	28	pr_o	pr_o
Rhoose (Cardiff)	715	00323	24	+	+
Plymouth	827	00331	26	f	f
Chivenor	707	00323	28	+	+
St. Mawgan	817	00341	28	+	+
Culdrose	809	03354	28	pr_o	+
Scilly	804	97451		pr_o	+
Elmdon	534	91361	33	$id_or_or_o$	id_o
Shawbury	414	92323	23	ir_o	+
Manchester	334	91401	33	$ffir_o$	ff
Squires Gate	318	94301	29	$r_or_oir_oif$	ffffFF
Valley	302	97351	30	+	pr_o
Ronaldsway	204	97381	30	+	pr_o
Silloth					
Watnall	354	91381	31	ir_o	ir_o
Spurn Head	396	92421		pr_o	pr_o
Finningley	360	97401	37	ir_o	+
Dishforth	261	01381	31	$ir_od_or_of$	+
Tynemouth	262	00391	38	+	+
Eskdalemuir	162	00273	24	FF	+
Mull of Galloway	131	00362			
Prestwick	135	00283	25	+	fFf
Renfrew	141	00313	24	+	+
Leuchars	171	97351	28	+	id_o
Dyce	091	01341	29	+	$irid_od_or_od_od_o$
Wick	075	01331	28	$pr_oir_or_or_o$	ir_odr
Cape Wrath	049	02341	33	$rrir_o$	ir_o
Sule Skerry	010	02351	35		
Lerwick	005	97303	27	id_o	is_o
Stornoway	026	97321	27	pr_o	+
Benbecula	022	00331	28	jp	+
Tiree	100	01401	36	pR	+
Aldergrove	917	96321	23	fff	ir_oidir_o
Malin Head	980	01421	36		
Belmullet	976	95411	36		
Birr	965	97351	30		
Collinstown	969	97371	33		
Rineanna	962	92361	31		
Roches Point	952	97401	32		
Valentia	953	03441	41		

Code FM 21.A

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_s$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$id_wd_wP_wH_w$
A	70620	32800	62343	75156	88939	69400	00618	+++++	+++++	05528	12337
B	70565	51000	82556	58858	97427	824++	00210	88815	+++++	06024	17059
C	70527	35500	82526	61616	21546	884++	0001+	83815	88626	00344	11958
D	70440	41000	52012	69022	35759	55600	00707	85645	+++++	00155	12134
I	70588	18900	82315	98586	11942	856++	00721	88630	+++++	05834	12335
J	70532	19700	83324	96031	21448	5857+	71109	82820	84825	05244	18342
K	70447	16100	63342	65028	23952	68500	71314	82826	85640	05345	18158
M	73660	02200	62836	50871	89702	694++	61002	84910	+++++	06150	12837

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_s$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$id_wd_wP_wH_w$
A	70621	32306	32448	80021	86137	32500	00709	+++++	+++++	05728	17444
B	70565	51006	82548	61858	02128	824++	00322	88815	+++++	05924	17459
C	70528	35506	72723	69026	20944	755++	00803	87625	+++++	00035	12258
D	70440	41006	82018	63606	32060	80520	00726	88520	+++++	00257	12145
I	70590	18706	82129	98026	99747	854++	00775	88618	+++++	05346	12136
J	70529	19906	82525	97032	26149	5557+	41815	85635	88458	05148	199+1
K	70448	16306	33338	65011	25054	38500	71105	82826	+++++	05246	18358
M	73659	02206	72737	50858	89636	79400	61303	86910	+++++	06132	17733

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H.M.S.O. Press, M.O. Dunstable.

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 36193

Date of Issue Sunday 25 December 1960

Code FM 11.A — OBSERVATIONS at 12h. 24 December 1960

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_ssC_hh_ss$	$8N_ssC_hh_ss$	$8N_ssC_hh_ss$
Kew	775	42703	19025	10746	473++	43109	84708	86635	
London Airport	772	82404	31105	10844	854++	44115	82705	88615	
Gatwick	776	81907	48515	10745	753++	43112	82707	87709	88640
Thorney Island	871	71401	56216	10846	774++	45115	87710	87620	
Hurn	862	23305	37051	11544	25630	42220	82640		
Guernsey	894	43608	70018	12146	48442	44222	83815		
Felixstowe	697	82411	56032	10643	6557+	41207	86623	88459	
Gorleston	497	82108	58032	10044	855++	42208	88620		
Mildenhall	578	72509	23106	09545	654++	44107	86710	87630	
Cardington	559	83306	14105	10242	863++	40113	88709		
West Raynham	485	82409	08466	09043	860++	43004	88701		
Wittering	462	13110	37011	09543	15600	40109	81635		
Boscombe Down	746	23003	21284	11640	25600	40112	82633		
Ross-on-Wye	627	12202	77020	10645	18501	38105	81825		
Bristol	628	20000	09444	11840	25600	40111	82640		
Aberporth	502	73112	82038	12645	7847+	41313	86818		
Rhoose (Cardiff)	715	10902	69400	11844	18501	39109	81820		
Plymouth	827	93213	01471	13043	9+0++	41315	89+01		
Chivenor	707	30000	26031	12545	38500	40209	81820	83636	
St. Mawgan	817	23409	74258	13446	28500	44216	81820		
Culdrose	809	43511	72022	13647	48400	45215	83818		
Scilly	804	43610	82021	14350	41500	43113	84820		
Elmdon	534	13008	23284	10543	15600	39108	81630		
Shawbury	414	52406	74031	10343	58500	38304	81823	84635	
Manchester	334	82204	03464	09941	360++	41206	83701	88702	
Squires Gate	318	71402	02424	09638	763++	37205	87708		
Valley	302	73214	63808	10945	724++	43208	85818	84820	
Ronaldsway	204	73115	62808	10144	784++	42112	84818	86640	
Silloth									
Watnall	354	03006	40021	09643	00900	38107			
Spurn Head	396	72810	16104	08243	754++	43210	87618		
Finningley	360	02903	08044	09344	00900	39107			
Dishforth	261	13004	48100	08543	18400	40004	81820		
Tynemouth	262	62705	32022	08042	6097+	37202	86358		
Eskdalemuir	162	80000	80031	10235	885++	34105	85822	88630	
Mull of Galloway	131	53210	80012	09743	34561	41109	83620	84360	
Prestwick	135	71105	09464	09335	4563+	34001	81630	84640	87360
Renfrew	141	80000	04586	09538	4567+	36007	84630	86650	87359
Leuchars	171	73605	71025	08439	756++	36302	81715	87640	
Dyce	091	83305	59046	09238	364++	36000	81704	83712	88645
Wick	075	72503	74032	09033	3853+	30808	81815	83635	87360
Cape Wrath	049	81402	82032	07236	886++	30725	88830		
Sule Skerry	010.	72502	85032	07838	3347+	30713	83915	87460	
Lerwick	005	73202	74267	06732	69472	31806	82915	84818	85826
Stornoway	026	72105	86031	07834	12546	31726	81820	87270	
Benbecula	022	71708	83012	08037	2567+	34827	81624	87464	
Tiree	100	72707	89031	09641	5567+	34815	81620	85635	87458
Aldergrove	917	72808	69156	11741	4253+	37008	81712	84825	86360
Malin Head	980	72704	74258	11041	785++	38809	84820	87645	
Belmullet	976	82512	81032	13844	4547+	36814	81718	84650	88460
Birr	965	72807	66032	14842	35602	38000	83635	87073	
Collinstown	969	13014	80011	12841	11432	36012	81818		
Rineanna	962	82705	80022	15743	2567+	41001	82645	88460	
Roches Point	952	73413	74031	16244	3567+	38115	83640	87460	
Valentia	953	83604	72258	17746	835++	42100	84922	88645	

OBSERVATIONS at 18h. 24 December 1960

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_ssC_hh_ss$	$8N_ssC_hh_ss$	$8N_ssC_hh_ss$
Kew	775	72601	18052	12443	7093+	41110	87399		
London Airport	772	42201	20102	12440	456++	39009	84635		
Gatwick	776	52302	14105	12640	55500	40113	82613	85625	
Thorney Island	871	32801	18101	13142	356++	41011	83630		
Hurn	862	12702	07460	13636	17200	35212	81703		
Guernsey	894	43306	74020	15545	42400	39116	84818		
Felixstowe	697	82711	28022	11644	863++	42208	88709		
Gorleston	497	82407	50025	10444	864++	43202	88712		
Mildenhall	578	02307	40101	11039	00900	37006			
Cardington	559	32307	23101	11837	30932	35106	83362		
West Raynham	485	02511	06444	10137	00900	37208			
Wittering	462	62609	23030	10938	00902	37104	86070		
Boscombe Down	746	32404	48100	13437	00901	36207	83071		
Ross-on-Wye	627	72102	66021	12642	756++	37209	87630		
Bristol	628	52706	40102	13442	556++	39309	85640		
Aberporth	502	72912	80022	14443	785++	35308	81825	87656	
Rhoose (Cardiff)	715	63106	66031	14341	4853+	40314	81820	84635	86360
Plymouth	827	72909	37044	15645	756++	41316	87638		
Chivenor	707	73218	82031	15144	1853+	40312	81820	87359	
St. Mawgan	817	73210	80028	16544	34606	40214	83630	87275	
Culdrose	809	73310	69021	16344	5847+	42216	82816	83625	
Scilly	804	73213	82022	17746	755++	39220	87622		
Elmdon	534	72206	13041	11841	755++	38002	87629		
Shawbury	414	72607	80808	11642	785++	38307	83823	86645	
Manchester	334	82612	37808	09942	883++	41301	84705	83818	88630
Squires Gate	318	82910	48808	09643	883++	41500	82709	83817	88622
Valley	302	72910	74018	11843	3153+	35803	83820	87360	
Ronaldsway	204	72514	66028	10443	3567+	36801	81620	83635	86656
Silloth									
Watnall	354	52607	14041	10340	45741	38801	84650		
Spurn Head	396	32712	16011	08741	34400	40202	83610		
Finningley	360	72406	14044	09441	355++	38801	83625	86635	
Dishforth	261	72409	59051	08240	7095+	38602	87359		
Tynemouth	262	82710	32022	07339	856++	36806	88640		
Eskdalemuir	162	72305	62012	08635	755++	35809	87625		
Mull of Galloway	131	83216	80022	08642	855++	37400	88620		
Prestwick	135	72311	62606	06343	355++	34720	83627	85635	87656
Renfrew	141	81906	32606	05739	856++	35827	88647		
Leuchars	171	82406	40205	04937	474++	37724	84718	88622	
Dyce	091	81702	37206	04936	564++	35830	82704	85715	88634
Wick	075	81618	66636	02038	7547+	33743	87715	88458	
Cape Wrath	049	81609	60742	97634	865++	34754	88720		
Sule Skerry	010	81813	85032	99442	884++	30751	88615		
Lerwick	005	61914	82267	01235	6847+	29744	83818	84625	
Stornoway	026	81931	61656	97639	3642+	36753	83710	88530	
Benbecula	022	72628	62806	97543	784++	42556	81712	85816	87623
Tiree	100	82828	62616	00645	3742+	45655	83712	85622	88550
Aldergrove	917	72014	69022	08639	4567+	36724	84645	87459	
Malin Head	980	82223	61636	04442	864++	42741	86710	88630	
Belmullet	976	72617	66215	08748	784++	45619	84818	87635	
Birr	965	82210	66216	12343	6647+	38817	84716	86628	88460
Collinstown	969	62512	75011	11340	656++	35712	83640	86656	
Rineanna	962	82210	58606	13643	863++	42811	83707	85710	87620
Roches Point	952	82411	74026	16044	6567+	38802	86645	88460	
Valentia	953	82812	48586	16148	863++	47807	88709		

OBSERVATIONS during DAY

Station	iii	$R_RT_xT_xE$	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Kew	775	97471	002	d_od_o	+
London Airport	772	97451	000	id_o	if
Gatwick	776	96451	000	d_od_o	ff
Thorney Island	871	92471	001	r_or_o	f
Hurn	862	00463		+	+
Guernsey	894	93491	039	ir_opr_o	+
Felixstowe	697	00441	000	+	+
Gorleston	497	97451	000	id_o	+
Mildenhall	578	93461	000	$iiid_o$	+
Cardington	559	00461	000	+	+
West Raynham	485	97441	000	id_oif	ff
Wittering	462	00441	032	+	+
Boscombe Down	746	00451	031	FFff	+
Ross-on-Wye	627	00481	051	+	+
Bristol	628	00451	029	+	+
Aberporth	502	93451	009	pr_opho	+
Rhoose (Cardiff)	715	00461	047	+	+
Plymouth	827	00461	043	F	+
Chivenor	707	00471	035	+	+
St. Mawgan	817	94481	037	pr_o	+
Culdrose	809	00480	042	+	+
Scilly	804	00501	031	+	+
Elmdon	534	97451	033	ff	pr_oir_o
Shawbury	414	91451	034	+	pr_o
Manchester	334	01441	000	$ffpr_o$	pr_o
Squires Gate	318	02451	005	FFff	$pRpr_orr$
Valley	302	01461	001	pr_opr	+
Ronaldsway	204	96451	010	pr_o	ir_o
Silloth					
Watnall	354	97451	048	+	pr_o
Spurn Head	396	00440	009	if	+
Finningley	360	00451	034	+	+
Dishforth	261	00471	044	+	+
Tynemouth	262	00421	011	+	+
Eskdalemuir	162	92381	007	+	ir
Mull of Galloway	131	94472			
Prestwick	135	02441	002	jff	rrRRrr
Renfrew	141	03432	000	d_or_of	$fir_orrr_or_o$
Leuchars	171	96411	000	+	id_oddir_o
Dyce	091	01381	000	$d_od_or_or_odd$	$id_od_or_or_os_o$
Wick	075	03392	001	+	ir_orr
Cape Wrath	049	01412		+	$ispr_o$
Sule Skerry	010	01461			
Lerwick	005	91376	001	is_ops_o	ps_o
Stornoway	026	06402	000	ir_o	RRpr
Benbecula	022	05451	001	ir_o	$r_or_orrRRpr_o$
Tiree	100	03461	000	ir_o	$r_or_oRRr_or_o$
Aldergrove	917	91421	008	id_o	ir_o
Malin Head	980	0146	004		
Belmullet	976	0249	000		
Birr	965	0145	013		
Collinstown	969	9743	035		
Rineanna	962	9448	002		
Roches Point	952	9747	020		
Valentia	953	0150	000		

Code FM 21.A — OCEAN WEATHER STATION REPORTS at 12h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_ss_vapp	$8N_ssC_hh_ss$	$8N_ssC_hh_ss$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
A	70621	32212	52546	65878	87636	59400	00214	+++++	+++++	05825	17545
B	70565	51012	82532	63858	02627	824++	00102	88815	+++++	06020	17456
C	70528	35512	82124	69022	16843	6551+	00839	86633	88458	05137	1226+
D	70440	41012	82026	69026	28960	11578	00710	81830	83362	00255	12135
I	70590	18412	52830	98278	95742	59500	00703	85920	+++++	05839	12849
J	70528	19812	72628	98026	17550	763++	61712	85708	87620	05049	17640
K	70450	16512	73535	65921	29954	785++	32219	81830	87646	05345	18458
M	73659	02112	72836	60858	92436	79400	61212	85910	+++++	06128	17645

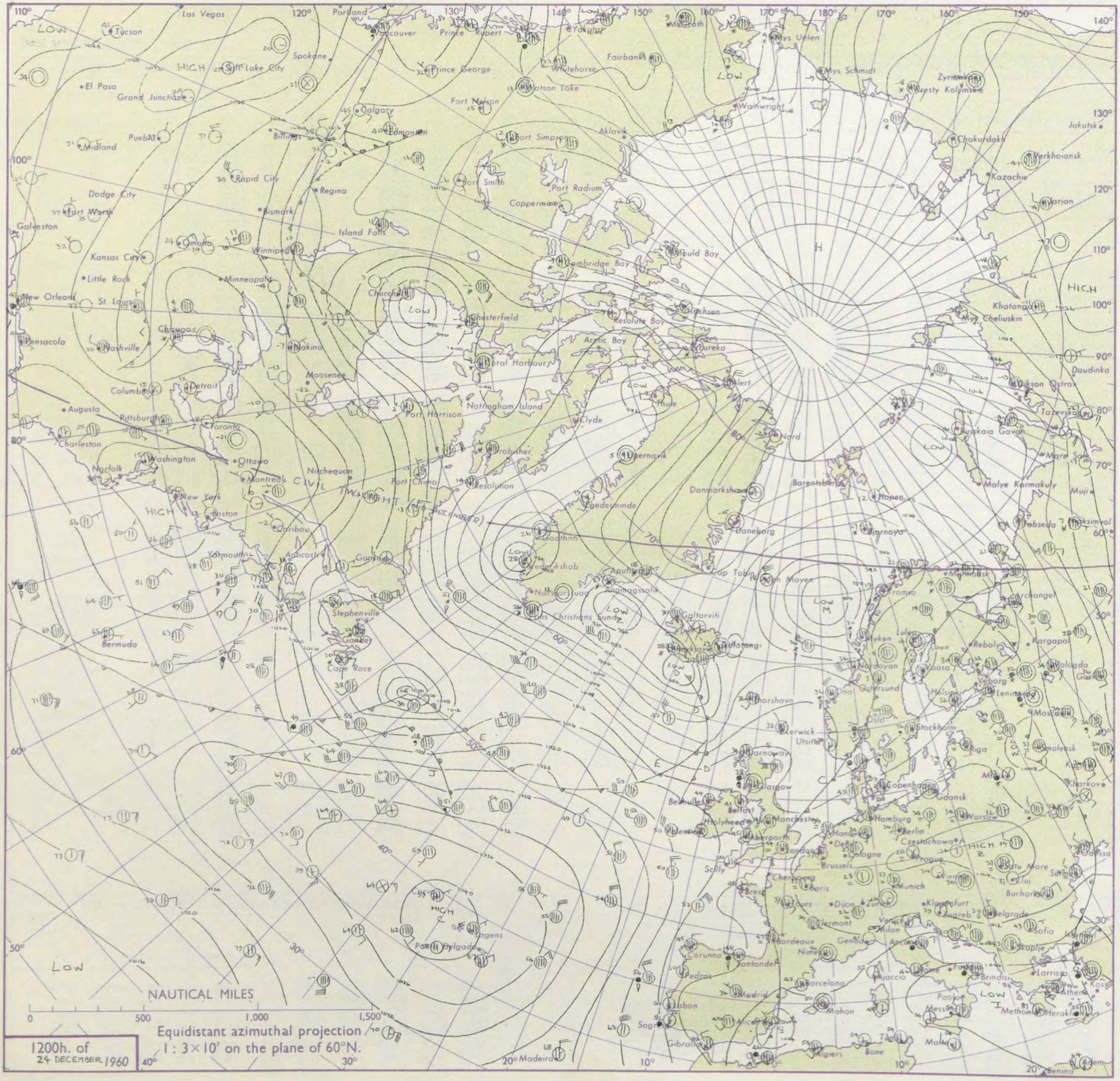
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_ss_vapp	$8N_ssC_hh_ss$	$8N_ssC_hh_ss$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
A	70621	32018	52538	80878	88836	59400	00400	+++++	+++++	05921	17554
B	70565	51018	62527	65858	98529	62400	00720	86115	+++++	05823	17452
C	70528	35518	81115	65616	00142	6742+	007113	86810	88557	05239	12447
D	70442	41318	82038	61602	22362	2757+	72730	82720	88358	00557	12147
I	70590	18118	62636	98808	97142	635++	61209	86925	+++++	05839	17642
J	70526	19618	83022	98032	16248	2151+	00707	82825	88560	05242	13047
K	70450	16018	83522	65022	30254	886++	81111	83833	88643	05246	18560
M	73659	01718	32824	70028	94834	39400	21105	82910	+++++	06228	17832

All times of observation printed in this publication are GREENWICH MEAN TIME.

SIR GRAHAM SUTTON, C.B.E., D.Sc., F.R.S., Director General. Meteorological Office, Air Ministry, Kingsway, London, W.C.2

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



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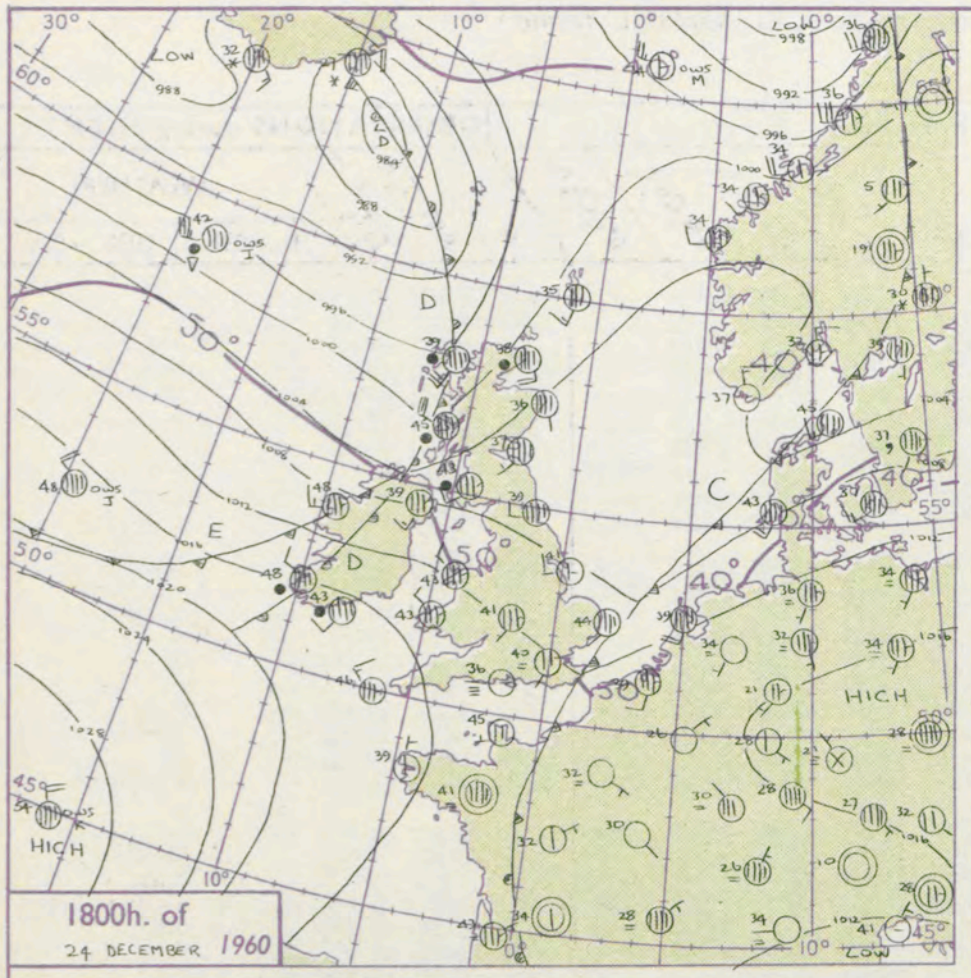

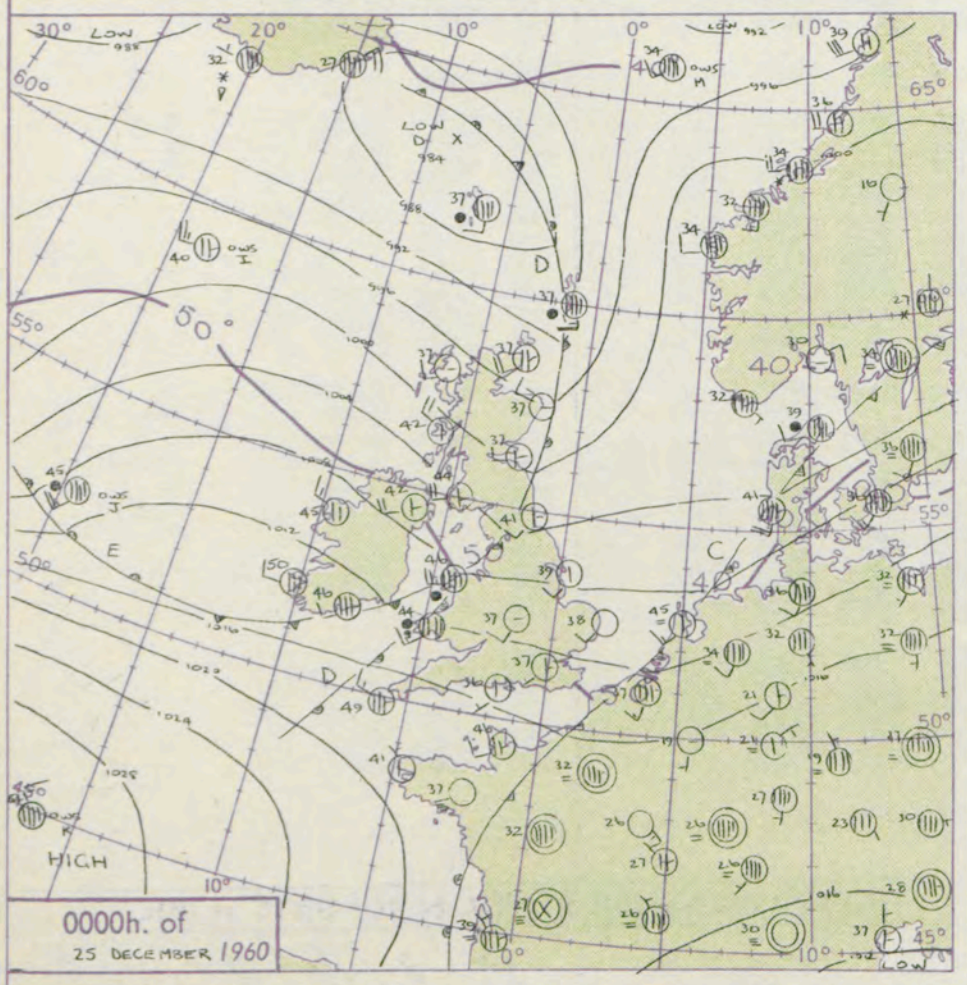

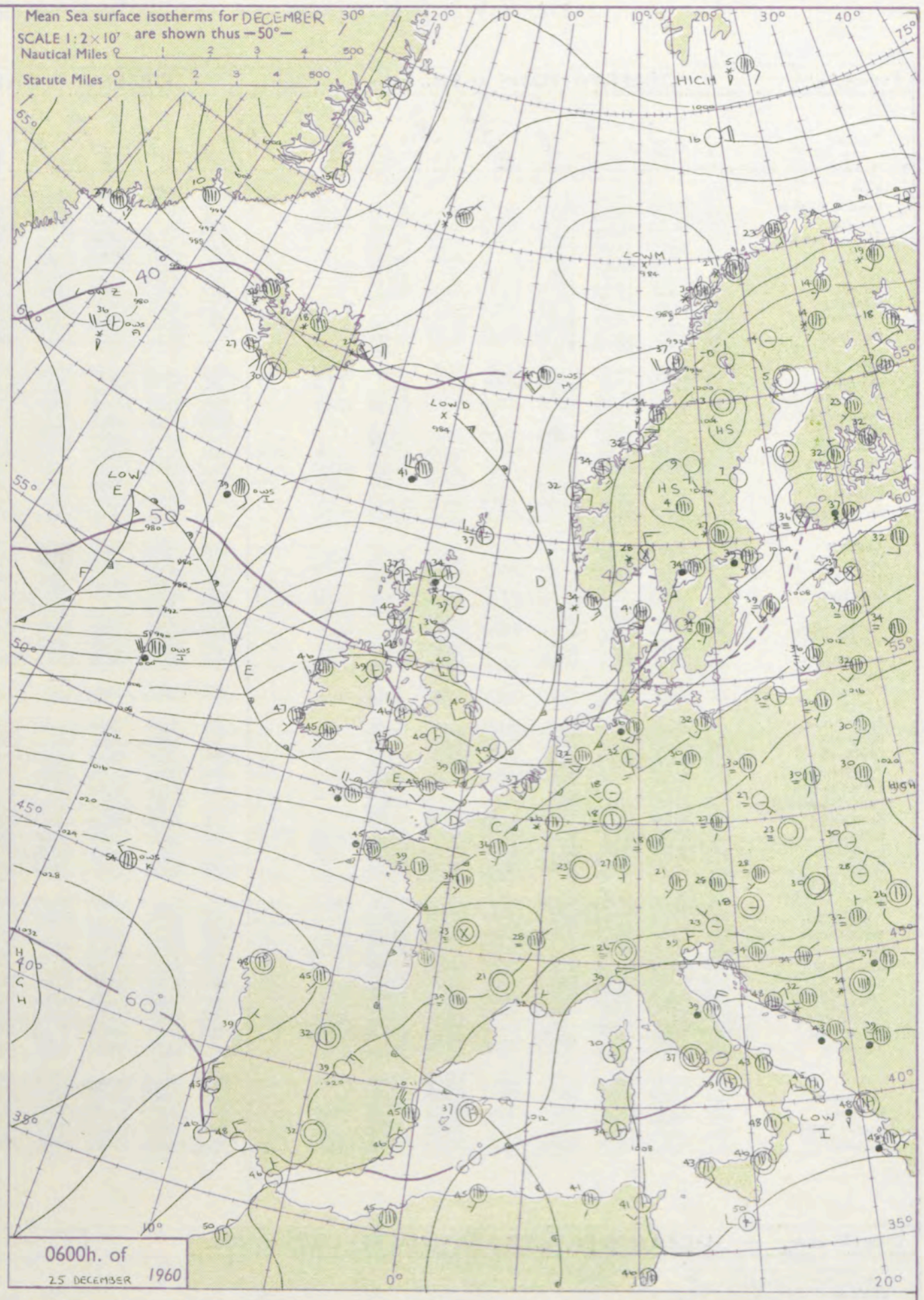

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Sunday 25 December 1960

A depression near Iceland moved eastwards and filled a little while the associated fronts moved southeastwards to clear most districts of the British Isles.

Another depression over the Atlantic is deepening and moving between Scotland and Iceland. This depression will slow down to the north of Scotland, but associated fronts will cross most districts of the British Isles during the next 24 hours.

FORECAST for Great Britain and Northern Ireland until noon tomorrow

Mostly cloudy with occasional rain or drizzle and hill fog patches. Clearer weather will spread southeastwards tonight with showers over hills and coasts exposed to the west or northwest. Temperatures mostly about average and winds reaching gale force in many areas but especially in the west and north where gales may be severe.

OUTLOOK for following 24 hours.

Continuing changeable.

Code FM 11.A

OBSERVATIONS at 00h. 25 December 1960

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_d app	$8N_sC_hh_s$	$8N_sC_hh_s$	$8N_sC_hh_s$
Kew	775			47					
London Airport	772	32507	56014	12337	10932	35609	81359	83075	
Gatwick	776	52609	56031	13136	35632	36803	83647	83075	
Thorney Island	871	42904	19104	14237	00902	35504	84070		
Hurn	862	22505	56054	14436	20930	34702	82359		
Guernsey	894	23210	78021	16545	11630	39400	81830		
Felixstowe	697	82810	23024	10740	856++	39810	88647		
Gorleston	497	02408	40021	10038	00900	37711			
Mildenhall	578	82408	32038	10340	867++	38708	88650		
Cardington	559	22506	59011	11538	00901	36705	82070		
West Raynham	485	72513	40034	09238	5567+	37710	85640	87360	
Wittering	462	12614	37021	09838	00901	36711	81075		
Boscombe Down	746	52407	48101	14135	10932	35703	81364	85075	
Ross-on-Wye									
Bristol	628	32510	58031	13538	30930	35707	83360		
Aberporth	502	82315	63586	11244	655++	42621	82711	86620	88630
Rhoose (Cardiff)	715	82712	69031	13344	6557+	39712	86623	88360	
Plymouth	827	72903	61021	16043	40978	38803	84458	87275	
Chivenor	707	82715	79022	14446	855++	42712	88624		
St. Mawgan	817	62713	74031	16047	35632	42810	83633	84359	
Culdrose	809	72710	66021	16842	38430	39709	81818	83622	85360
Scilly	804	72817	81031	17549	784++	48808	83812	87622	
Elmdon	534	12110	60028	10837	15700	32611	81650		
Shawbury	414	62318	80218	08742	35672	37824	83645	83363	85073
Manchester	334	81913	61608	07638	855++	35825	81715	88621	
Squires Gate	318	82521	40808	06144	884++	43725	85814	88630	
Valley	302	82724	63616	08146	6547+	44620	86618	88458	
Ronaldsway	204	22719	69216	06646	25600	41610	81714		
Silloth									
Watnall	354	72308	58038	09337	7097+	33712	87360		
Spurn Head	396	22910	48010	07139	25500	39716	52625		
Finningley	360	02312	56021	07440	00900	34817			
Dishforth	261	42417	66801	04641	42400	37825	84817		
Tynemouth	262	32311	58021	02341	00908	36731	83275		
Eskdalemuir									
Mull of Galloway	131	42520	80011	05244	45500	39709	84620		
Prestwick	135	32720	80278	02044	39563	38705	82925		
Renfrew	141	82913	62818	01441	884++	37500	83710	85818	87632
Leuchars	171	32711	66216	98737	35700	35519	83650		
Dyce	091	12810	74017	97537	10930	32529	81358		
Wick	075	52420	80256	94537	584++	34623	83818	83645	
Cape Wrath	049	72318	82028	92041	785++	39713	87820		
Sule Skerry	010	83218	85816	92141	864++	39710	88715		
Lerwick	005	81725	48636	92237	5742+	35745	85710	88714	
Stornoway	026	12610	82278	96637	19500	32208	81920		
Benbecula	022	52625	69278	99242	59500	37308	85921		
Tiree	100	22922	80258	01442	29400	37204	81915		
Aldergrove	917	32620	62016	06142	35500	36503	83620		
Malin Head	980	52822	80258	04744	585++	39502	84820	85650	
Belmullet	976	42814	78258	08945	42400	38706	84819		
Birr	965	72604	66036	10744	785++	42503	83820	87636	
Collinstown	969	32713	69016	08444	35600	42505	83640		
Rineanna	962	72610	62806	11646	755++	44606	82623	87645	
Roches Point	952	72510	66036	12646	755++	44613	87628		
Valentia	953	62712	62016	14050	46406	45609	84717	86270	

OBSERVATIONS at 06h. 25 December 1960

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_d app	$8N_sC_hh_s$	$8N_sC_hh_s$	$8N_sC_hh_s$
Kew	775	62305	74011	11040	4643+	37612	84710	84399	
London Airport	772	82005	69031	10739	864++	37514	88711		
Gatwick	776	72207	59021	11439	654+7	37714	86656	87270	
Thorney Island	871	72603	69601	12244	4563+	41714	84640	86359	
Hurn	862	82310	58218	12246	564++	44613	85717	88635	
Guernsey	894	82612	78205	15948	4547+	46605	84616	86635	
Felixstowe	697	62814	48011	09139	20971	36614	82360	86072	
Gorleston	497	02508	60011	08240	00900	36711			
Mildenhall	578	42714	66800	08440	42600	38610	84836		
Cardington	559	32510	56011	09641	00902	39508	83070		
West Raynham	485	72616	66216	07738	756++	36505	87640		
Wittering	462	82612	74021	08140	756+2	39607	81624	87640	87073
Boscombe Down	746	82110	40626	12141	572++	41510	85703	88706	
Ross-on-Wye	627	82606	70021	09345	3551+	42610	83625	88460	
Bristol	628	82508	56216	11245	7557+	44502	87620	88360	
Aberporth	502	82711	74016	10345	26407	42605	82717	88270	
Rhoose (Cardiff)	715	82611	62016	11446	45407	44504	84616	88270	
Plymouth	827	72508	58015	13649	354++	47713	83618	87650	
Chivenor	707	52708	74015	12349	55500	47605	85622		
St. Mawgan	817	82715	59586	13649	573++	48610	85706	88709	
Culdrose	809	82915	19505	14248	572++	48713	85704	88707	
Scilly	804	82922	61608	15149	862++	49714	88705		
Elmdon	534	32109	74026	09340	25601	40606	82645		
Shawbury	414	72610	80036	08342	15616	37501	81635	85467	87275
Manchester	334	72612	63258	06542	756++	38703	82825	87635	
Squires Gate	318	82714	59048	06746	1153+	37102	81820	88360	
Valley	302	52916	74036	08346	00902	40806	85075		
Ronaldsway	204	72615	80021	06644	45408	39702	84618	87270	
Silloth									
Watnall	354	62708	61036	07741	65500	39500	86628		
Spurn Head	396	22511	57018	05440	25500	38705	82620		
Finningley	360	82607	61031	06944	855++	38304	88626		
Dishforth	261	62105	77038	05440	65600	35310	86647		
Tynemouth	262	02716	66028	03040	00900	38112			
Eskdalemuir	162	12604	80016	04436	15500	33202	81625		
Mull of Galloway	131	32521	80030	05143	35500	38603	83620		
Prestwick	135	12714	82018	03343	18500	36102	81825		
Renfrew	141	32414	82038	02240	38500	35502	82825		
Leuchars	171	02710	89020	00136	00900	31210			
Dyce	091	12914	82030	98437	15600	30106	81640		
Wick	075	52723	66848	96434	594++	31210	85915		
Cape Wrath	049	23224	81011	94540	28600	35209	82830		
Sule Skerry	010	83224	66898	93541	864++	39223	88714		
Lerwick	005	32817	74036	89737	38400	35304	81815	83630	
Stornoway	026	32710	82278	97437	39500	32200	83924		
Benbecula	022	42510	82018	99141	48500	37803	83821		
Tiree	100	32711	74258	01040	33400	37810	81918		
Aldergrove	917	32310	62011	06239	25530	37806	82625		
Malin Head	980	82913	74808	03444	884++	40817	85818	88650	
Belmullet	976	82213	78028	04846	884++	39833	83818	88640	
Birr	965	71906	77028	09542	785++	40815	83820	87634	
Collinstown	969	62307	74021	08241	3577+	38808	83650	86360	
Rineanna	962	52209	74038	09144	00902	42723	85070		
Roches Point	952	82206	66022	11345	855++	43710	85628	88656	
Valentia	953	82206	62026	10547	864++	44723	88718		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Kew	775	97381	29	+	+
London Airport	772	00341	30	+	+
Gatwick	776	97381	29	+	id_c
Thorney Island	871	94361	31	+	ir_o
Hurn	862	96341	26	+	pr_oir_o
Guernsey	894	97431	39	+	id_o
Felixstowe	697	00381	36	ff	+
Gorleston	497	97351	33	+	pr_o
Mildenhall	578	97381	34	pr_o	pr_o
Cardington	559	00351	29	+	+
West Raynham	485	93361	31	+	ir_o
Wittering	462	00381	34	+	+
Boscombe Down	746	01321	28	+	d_or_oir
Ross-on-Wye	627	00381	33	+	+
Bristol	628	02361	22	ir_o	ir_o
Aberporth	502	01421	40	$ir_od_or_odr$	pr_o
Rhoose (Cardiff)	715	02352	29	$ir_od_or_o$	d_od_o
Plymouth	827	97411	35	id_o	ir_o
Chivenor	707	91431	39	id_oid	id
St. Mawgan	817	01441	41	+	$ir_od_or_oir_o$
Culdrose	809	04402	41	id_o	$d_od_oid_od_od_o$
Scilly	804	02452		pr	$ir_o idr_o r_o$
Elmdon	534	91371	33	r_or_o	r_or_o
Shawbury	414	96351	29	$ir_od_or_oid_oir$	+
Manchester	334	95371	32	$ir_od_or_o$	pr_o
Squires Gate	318	92421	40	$pr_or_or_o$	+
Valley	302	92441	39	$ir_or_or_o$	+
Ronaldsway	204	01441	41	r_or_orr	+
Silloth					
Watnall	354	95361	31	ir_o	$d_or_oir_o$
Spurn Head	396	91391		pr_o	pr_o
Finningley	360	00391	38	+	+
Dishforth	261	91381	34	pr_o	pr_o
Tynemouth	262	01391	31	pr_o	+
Eskdalemuir	162	04323	26	rr	ir_o
Mull of Galloway	131	00401			
Prestwick	135	01401	37	$ir_opr_oph_o$	pr_o
Renfrew	141	03361	31	pr_opr	pr
Leuchars	171	93331	29	$r_or_oir_o$	+
Dyce	091	95333	28	rs	ir_o
Wick	075	02331	30	$rrprpr_os_oprs$	pr_os_oprs
Cape Wrath	049	01392	36	prs	prs
Sule Skerry	010	03371	33		
Lerwick	005	07362	34	ir_orriR	ir_oiRph
Stornoway	026	02352	30	ph	ph
Benbecula	022	02381	33	phr	$ph_or_opr_o$
Tiree	100	01371	33	pr_opr	pr_o
Aldergrove	917	97371	28	+	id_o
Malin Head	980	01401	36		
Belmullet	976	91441	40		
Birr	965	97401	39		
Collinstown	969	92401	39		
Rineanna	962	01411	39		
Roches Point	952	97451	41		
Valentia	953	94471	45		

Code FM 21.A

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_s$app	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$Id_wd_PH_wH_w$
A	10620	32000	42632	75158	86437	49400	00717	+++++	+++++	05725	12648
B	10565	51000	52732	65268	98827	52500	00202	85820	+++++	06015	12459
C	10528	35500	82921	63612	94640	8052+	00332	88520	+++++	05438	12547
D	10445	42600	82732	58616	22651	8042+	63108	88510	+++++	05449	12459
I	10589	18600	52725	98028	97240	59463	61707	85915	+++++	06039	12749
J	10527	19500	82023	96616	10145	863++	00744	88709	+++++	05545	12248
K	10450	16300	83116	65032	29654	856++	82704	88635	+++++	05246	100+0
M	13659	02200	82515	70271	94434	5947+	61208	82910	83815	06428	12522

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_s$app	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$Id_wd_PH_wH_w$
A	10621	32406	32222	75878	80836	39500	62727	+++++	+++++	06030	12246
B	10565	51006	62728	65858	98925	62500	00400	86820	+++++	06214	12657
C	10528	35506	82720	65216	95640	865++	00510	88720	+++++	05430	12447
D	10447	43406	72732	63026	26143	71500	63327	87823	+++++	06230	12739
I	10590	19306	81112	98606	85039	864++	00780	88715	+++++	06137	11243
J	10527	19406	82335	96616	97351	862++	00759	88705	+++++	00151	17141
K	10454	16406	72914	65022	25854	756++	00830	87640	+++++	05250	100+0
M	13659	02006	82120	60027	91541	6541+	31721	86610	88440	05528	12133

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H.M.S.O. Press, M.O. Dunstable.

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 36194

Date of Issue Monday 26 December 1960

Code FM 11.A

OBSERVATIONS at 12h. 25 December 1960

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775	72405	28042	10245	4097+	42811	84499	86399	
London Airport	772	82407	50022	10345	40978	43809	84359	84462	
Gatwick	776	72508	60022	10646	20932	44816	82360	87072	
Thorney Island	871	72603	48026	11648	00902	45809	87075		
Hurn	862	72308	40042	11949	15732	46807	81650	86362	85075
Guernsey	894	72711	74025	15149	4557+	46708	84620	87458	
Felixstowe	697	52807	28012	09843	20976	40804	81360	85275	
Gorleston	497	32510	58018	08742	10948	40806	81360	83275	
Mildenhall	578	52608	66018	08843	50932	40809	85362		
Cardington	559	72409	48021	09145	50942	41814	85359	87070	
West Raynham	485	62709	61012	07743	6093+	41806	86360		
Wittering	462	72614	61022	08545	30972	39810	83360	87075	
Boscombe Down	746	72109	58026	11646	1543+	44707	81615	87362	
Ross-on-Wye	627	52109	57022	09347	2557+	40812	82620	88350	
Bristol	628	72411	40022	10947	754++	46610	86713		
Aberporth	502	72316	66038	07748	6577+	44726	82712	86650	87460
Rhoose (Cardiff)	715	72511	59505	10548	6847+	45614	82712	86630	87459
Plymouth	827	82315	19586	12748	772++	48712	87703	88708	
Chivenor	707	82208	23626	11348	6722+	47812	86704	88510	
St. Mawgan	817	92518	05534	12349	9+0++	49818	89+00		
Culdrose	809	82819	50616	13050	860++	49714	86701	88706	
Scilly	804	72721	40506	12851	763++	50717	87606		
Elmdon	534	72110	28041	09145	2853+	40611	82825	87359	
Shawbury	414	72110	59022	07345	35531	41822	81820	83640	86360
Manchester	334	81910	56052	06443	2577+	38815	82656	84362	88368
Squires Gate	318	72114	58041	05144	758++	41818	87657		
Valley	302	82320	66602	05148	2547+	44830	82618	88458	91847
Ronaldsway	204	82221	62022	03547	4647+	41828	84718	88460	
Silloth									
Watnall	354	72708	14046	07244	2577+	38816	82656	86363	87465
Spurn Head	396	62510	57012	06941	65530	41806	84620		
Finningley	360	72207	56022	06844	756++	38710	87630		
Dishforth	261	72413	59258	05144	653++	39710	81715	86640	87360
Tynemouth	262	82502	16258	03242	8097+	37610	88458		
Eskdalemuir	162	82208	61606	02739	872++	39719	88704		
Mull of Galloway	131	82021	78616	00045	864++	43735	88715		
Prestwick	135	81911	64608	99743	5552+	41731	82715	85620	88540
Renfrew	141	82010	40608	99243	6542+	41726	82709	86618	88550
Leuchars	171	82507	56101	99439	1577+	35717	81650	83360	88468
Dyce	091	82110	80031	98737	8092+	29704	88464		
Wick	075	81910	80031	95137	14537	31812	81620	86362	88270
Cape Wrath	049	81813	82038	91441	885++	39734	88825		
Sule Skerry	010	82313	81032	91943	884++	38716	88615		
Lerwick	005	42624	74808	90739	49400	30801	84915		
Stornoway	026	81822	80608	90542	6552+	39760	81712	86620	88459
Benbecula	022	81720	50586	89541	864++	39873	88712		
Tiree	100	81929	66618	92344	5542+	42870	82710	85618	88556
Aldergrove	917	81818	56605	99743	464++	41748	84710	88625	
Malin Head	980	82026	66218	94044	864++	42768	85711	88640	
Belmullet	976	82125	48516	95650	862++	49746	88705		
Birr	965	82216	66505	02549	874++	46744	85710	88622	
Collinstown	969	82216	62216	02047	864++	43746	86714	88625	
Rineanna	962	82014	74508	03049	863++	46734	81709	86712	88620
Roches Point	952	82421	62205	06750	56406	47729	85712	88270	
Valentia	953	82320	40615	05251	863++	49733	88707		

OBSERVATIONS at 18h. 25 December 1960

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775	82109	60022	07647	364++	43716	83715	88725	
London Airport	772	81909	56032	07947	864++	44715	88714		
Gatwick	776	82114	58601	08647	673++	45716	86708	88710	
Thorney Island	871	82307	61216	09349	363++	47716	83708	88710	
Hurn	862	82210	57036	09151	554++	48715	85614	88620	
Guernsey	894	82315	48506	12850	763++	50714	87707		
Felixstowe	697	62415	56031	07944	6097+	42713	83360	84365	
Gorleston	497	82112	48032	06943	855++	41712	88625		
Mildenhall	578	82112	48602	05746	5557+	42720	85621	88459	
Cardington	559	82013	58022	06047	854++	43721	88618		
West Raynham	485	72221	58012	04344	7097+	40728	87358		
Wittering	462	82113	56032	04345	574++	42726	85710	88615	
Boscombe Down	746	82010	59022	98246	354++	45718	83711	88621	
Ross-on-Wye	627	82412	70502	04150	865++	46725	88720		
Bristol	628	62312	48012	06948	4547+	47716	84615	86360	
Aberporth	502	82222	59506	02248	562++	47726	85705	88709	
Rhoose (Cardiff)	715	72413	69036	06648	5542+	44717	81705	85618	87458
Plymouth	827	72419	48026	08950	464++	48718	84711	87638	
Chivenor	707	72418	66026	06950	754++	46724	81672	87618	
St. Mawgan	817	72211	59025	08348	35271	46824	83705	85615	86458
Culdrose	809	82620	60506	09749	373++	47718	83706	88708	
Scilly	804	82424	59036	09150	864++	48823	88710		
Elmdon	534	82012	40042	04147	463++	45730	84708	87625	
Shawbury	414	62318	82216	01249	35740	45732	81715	83656	
Manchester	334	72020	58016	00047	355++	43734	83625	86635	
Squires Gate	318	82115	56636	98047	774++	45634	82710	87717	
Valley	302	82328	61616	97650	863++	40737	88707		
Ronaldsway	204	82229	66026	95350	4547+	47737	84710	85634	88460
Silloth									
Watnall	354	82315	48606	02346	6547+	43628	82714	86618	87358
Spurn Head	396	72117	58022	02444	755++	41729	87620		
Finningley	360	72322	56022	00747	7093+	44737	87362		
Dishforth	261	81816	26616	98445	5542+	42739	85713	86618	88458
Tynemouth	262	81915	48216	96543	864++	41739	86715		
Eskdalemuir	162	82116	32656	93044	6712+	44637	86702	88506	
Mull of Galloway	131	82333	80216	90250	874++	48747	88718		
Prestwick	135	82017	60606	89249	674++	46746	82709	86712	88618
Renfrew	141	82023	37656	88448	3632+	47750	83707	85710	87713
Leuchars	171	72322	60016	87846	464++	44763	84713	87630	
Dyce	091	81813	48046	89342	864++	37851	88710		
Wick	075	81421	61026	83542	857++	37769	82618	88650	
Cape Wrath	049	81813	66648	78346	864++	46772	87710		
Sule Skerry	010	81437	66638	79542	864++	40780	88710		
Lerwick	005	81926	71608	85841	6847+	31735	82815	84618	88459
Stornoway	026	81818	66026	78548	3551+	46745	83625	88458	
Benbecula	022	82227	69026	79049	4641+	45730	84715	88462	
Tiree	100	82230	35656	82750	3622+	50544	81702	83705	87712
Aldergrove	917	82025	58586	90549	363++	47744	83707	85710	88615
Malin Head	980	82322	62606	86250	873++	48736	82708	88715	
Belmullet	976	82316	48615	86248	862++	48747	88704		
Birr	965	82317	59516	94550	874++	48737	87710	88621	
Collinstown	969	72421	74606	93251	36478	46746	82717	83640	85460
Rineanna	962	82118	69606	94351	863++	49744	82708	86714	88620
Roches Point	952	82226	48586	99250	862++	49740	88704		
Valentia	953	82226	40596	96152	862++	51740	88705		

OBSERVATIONS during DAY

Station	iii	RRT_xT_xE	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Kew	775	00491	016	+	+
London Airport	772	00491	011	+	+
Gatwick	776	91491	007	+	ir_o
Thorney Island	871	97511	021	+	ir_o
Hurn	862	91511		+	ir_oid_o
Guernsey	894	03501	000	$id_od_or_oir_o$	id_oir_o
Felixstowe	697	00461	010	+	+
Gorleston	497	00441	016	+	+
Mildenhall	578	97491	004	+	ir_o
Cardington	559	97491	004	+	ir_o
West Raynham	485	00461	008	+	+
Wittering	462	00481	013	+	+
Boscombe Down	746	00491	014	+	+
Ross-on-Wye	627	97501	007	+	id_o
Bristol	628	00491	000	+	+
Aberporth	502	01491	008	$ir_od_or_o$	$ir_od_or_o$
Rhoose (Cardiff)	715	96492	004	$id_od_od_o$	$d_od_oddr_or_o$
Plymouth	827	96511	000	ir_oid_o	d_od_o
Chivenor	707	02502	001	ir_oid_o	$id_od_od_o$
St. Mawgan	817	01501	000	d_od_ofdd	id_o
Culdrose	809	01502	000	$id_or_or_o$	$id_oir_or_or_o$
Scilly	804	95512	000	ir_oid_o	$d_or_oid_o$
Elmdon	534	00481	006	+	+
Shawbury	414	97501	004	+	ir_o
Manchester	334	97481	007	ir_o	ir_o
Squires Gate	318	01482	003	ir_o	$rrd_or_odrir_o$
Valley	302	02511	000	r_or_o	rrr_or_o
Ronaldsway	204	94501	000	$r_or_orrr_or_o$	ir_o
Silloth					
Watnall	354	97481	000	+	ir_o
Spurn Head	396	00460	011	+	+
Finningley	360	00491	000	+	+
Dishforth	261	92501	000	pr_o	$ir_or_or_o$
Tynemouth	262	92451	000	pr_o	ir_o
Eskdalemuir	162	25452	000	ir_orr	rrRRf
Mull of Galloway	131	01501			
Prestwick	135	06511	000	$pr_or_or_orr$	$ir_or_or_od_or_o$
Renfrew	141	07502	000	rr	RR
Leuchars	171	02491	003	ir_o	RRirir$_o$
Dyce	091	91461	000	ir_o	ir_oir
Wick	075	04452	004	r_or_orr	$rrir_o$
Cape Wrath	049	02472		ir_o	ir_o
Sule Skerry	010	04492			
Lerwick	005	01422	008	$pr_os_opr_o$	$prpr_oir_or_or_o$
Stornoway	026	03482	000	pr_orr	rr
Benbecula	022	03491	000	$ir_od_or_orr$	+
Tiree	100	08501	000	$rrRRr_or_odr$	$d_or_oRRr_or_o$
Aldergrove	917	01501	000	ir_o	$ir_od_or_oir_o$
Malin Head	980	0651	000		
Belmullet	976	0451	000		
Birr	965	0151	000		
Collinstown	969	9752	000		
Rineanna	962	9452	000		
Roches Point	952	9550	000		
Valentia	953	0352	000		

Code FM 21.A

OCEAN WEATHER STATION REPORTS at 12h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_s$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
A	10619	33012	50000	75878	79236	59500	62500	+++++	+++++	05925	100++
B	10565	51012	33233	69018	01329	32500	00327	83820	+++++	05823	12758
C	10528	35512	72927	65852	98538	52520	00334	85820	+++++	05626	12857
D	10445	42912	72925	69022	29942	62500	22222	86825	+++++	06230	13037
I	10591	19412	61923	98158	62248	695++	00713	86920	+++++	05242	11945
J	10528	19312	72635	96016	90351	3557+	00618	83625	87360	00144	199+3
K	10450	16312	82821	65022	25254	885++	00400	84826	83640	05148	12753
M	13658	01812	51719	70028	90641	48442	00712	82815	84620	05630	11835

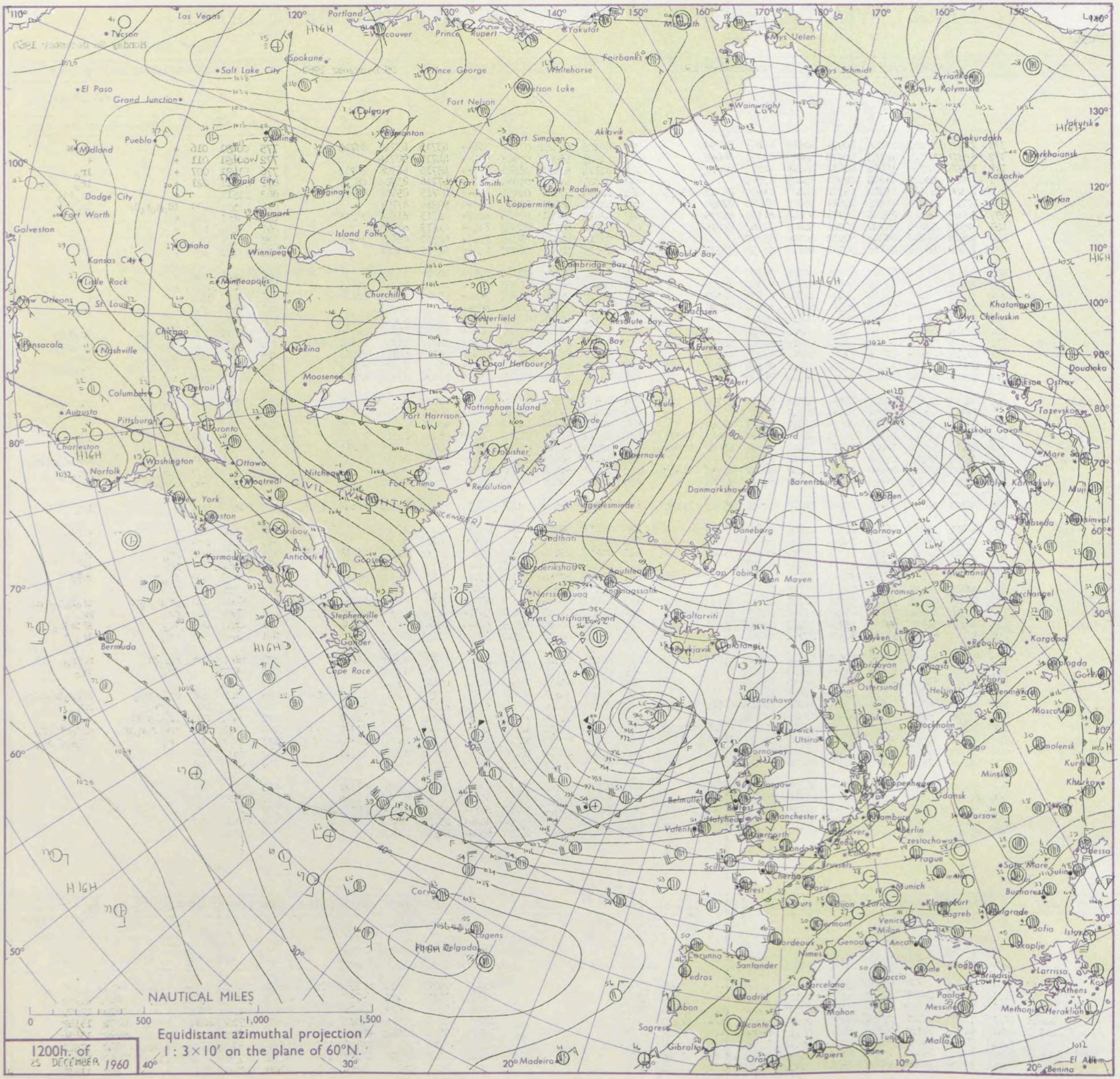
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_s$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
A	10620	32918	32614	80158	81036	39500	00310	+++++	+++++	05921	12622
B	10565	51018	82731	65858	05528	62508	00217	86820	852++	05919	12759
C	10528	35518	62927	65858	03738	52470	00230	85815	+++++	05624	12859
D	10443	42218	73220	69022	29142	62570	22703	86825	85360	06232	13147
I	10591	19518	63422	98028	51046	5853+	00525	83820	84625	05442	13434
J	10531	19118	72830	95806	83845	695++	00623	86920	+++++	05440	17542
K	10448	16118	62530	67054	19655	31542	00718	83825	81460	00042	12765
M	13660	01918	31524	75251	87741	22440	00720	82820	+++++	05527	11536

All times of observation printed in this publication are GREENWICH MEAN TIME.

SIR GRAHAM SUTTON, C.B.E., D.Sc., F.R.S., Director General. Meteorological Office, Air Ministry, Kingsway, London, W.C.2

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WEST EUROPE

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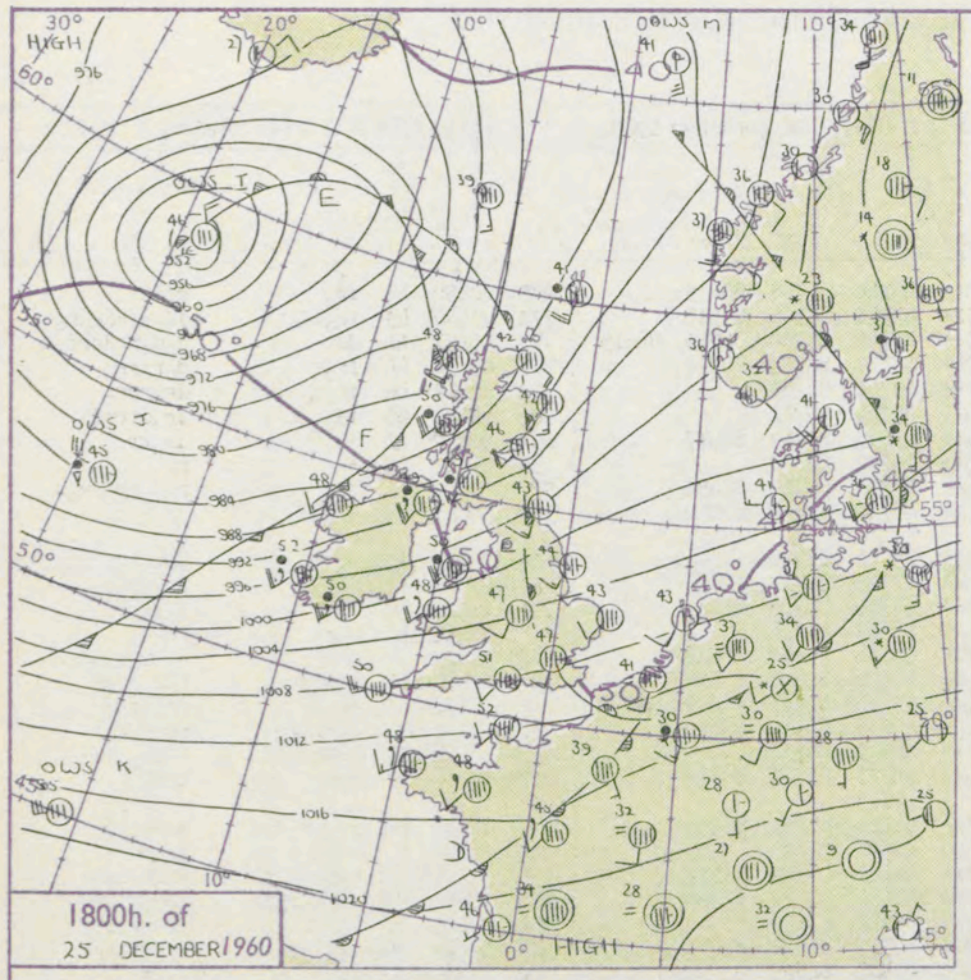

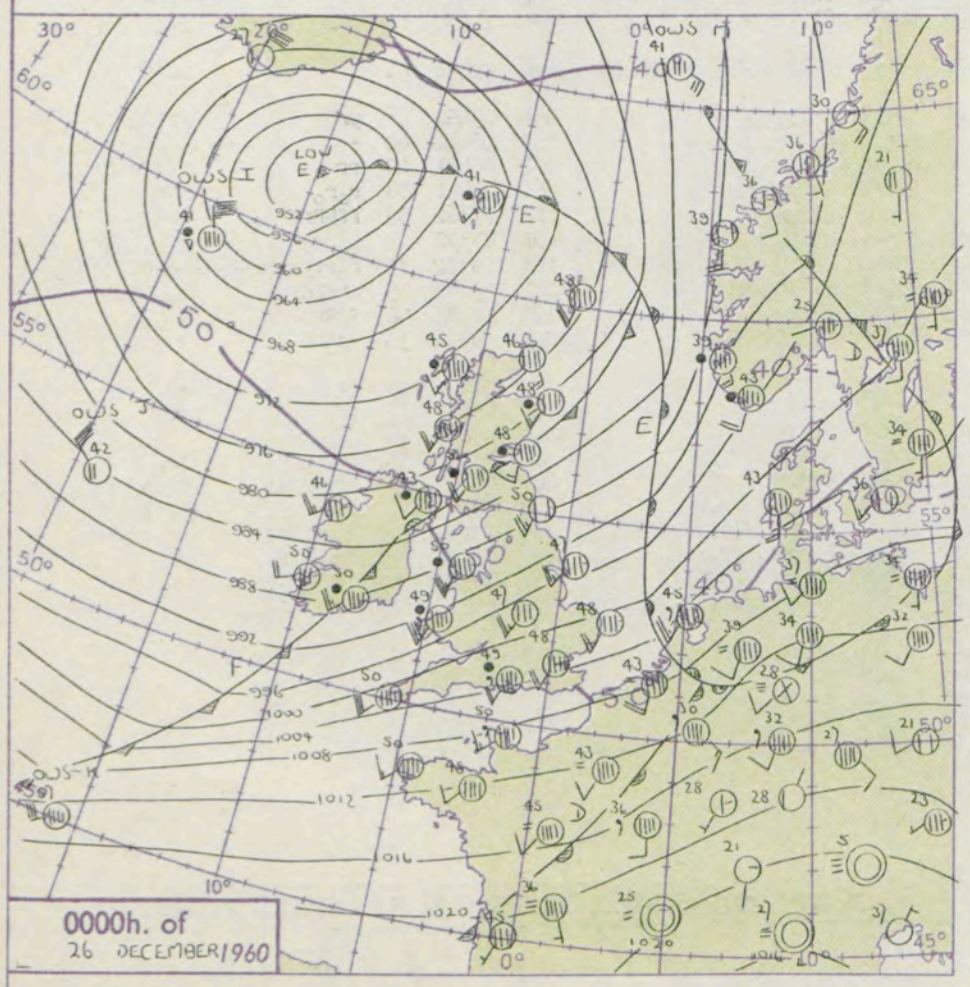

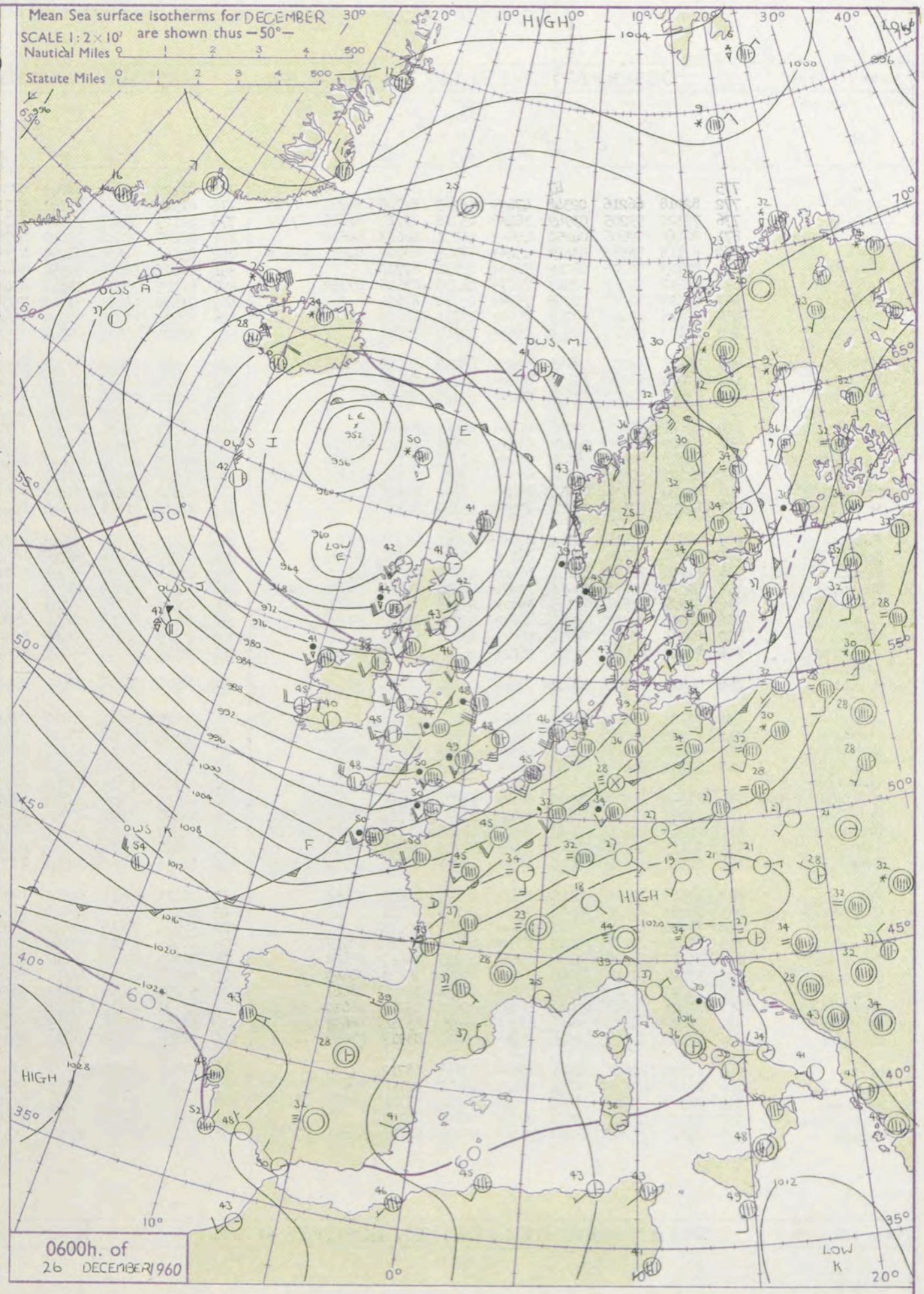

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Monday 26 December 1960

A deepening depression moved rapidly across the Atlantic to between Scotland and Iceland absorbing the older depression there. It is expected to move more slowly northeast and a weak ridge may move across England and Wales later, ahead of a new depression which is expected to deepen in northwest Atlantic.

FORECAST for Great Britain and Northern Ireland until noon tomorrow

There will be bright periods in most districts but squally showers may be frequent in the exposed north and west with hail and thunder at times and some showers will be carried well inland. Snow and sleet showers are likely on hills and temperatures will be below the seasonal average. Gales are likely in many places probably moderating later in the west.

OUTLOOK for following 24 hours:

Rather stormy with scattered showers and temperatures near average.

Code FM 11.A

OBSERVATIONS at 00h. 26 December 1960

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sC_hh_s$	$8N_sC_hh_s$	$8N_sC_hh_s$
Kew	775			47					
London Airport	772	82018	66216	02348	474++	46733	81706	84711	88615
Gatwick	776	72320	59205	03949	364+8	45726	83712	84616	87272
Thorney Island	871	82216	69606	04250	454++	46831	84617	88630	
Hurn	862	82118	56586	03649	454++	47729	82707	84615	88630
Guernsey	894	82123	56206	08049	764++	47831	87710		
Felixstowe	697	72517	66012	02547	7567+	44730	87635	87362	
Gorleston	497	72018	58020	02248	755++	45730	87624		
Mildenhall	578	82315	69025	99749	855++	43731	88625		
Cardington	559	62120	80216	00249	655++	44627	86621		
West Raynham	485	82223	58022	98348	554++	44830	85616	88626	
Wittering	462	82222	80032	97548	854++	43733	88612		
Boscombe Down	746	82022	62022	01547	864++	45742	88710		
Ross-on-Wye									
Bristol	628	82016	58022	99750	855++	46844	88620		
Aberporth	502	82029	48586	92649	573++	49759	85707	88714	
Rhoose (Cardiff)	715	82314	80216	99449	454++	47743	84712	88619	
Plymouth	827	82227	58515	02051	573++	50843	82705	85708	88616
Chivenor	707	82120	58535	99451	854++	48747	88617		
St. Mawgan	817	82119	50515	00250	873++	49749	88706		
Culdrose	809	82530	58216	02650	473++	49741	84707	88712	
Scilly	804	82228	62205	00350	673++	50750	86706	88716	
Elmdon	534	62024	74022	96147	56400	43745	82708	85711	
Shawbury	414	82007	82026	92651	3547+	44754	83618	84631	88461
Manchester	334	71922	58606	92149	454++	45745	84618	87640	
Squires Gate	318	82026	66016	89150	756++	45759	82620	87632	
Valley	302	82133	61636	87350	862++	50758	88703		
Ronaldsway	204	82140	58636	84550	4632+	48759	84709	88512	
Silloth									
Watnall	354	82318	66026	94647	764++	44740	87710	88615	
Spurn Head	396	72323	57038	93847	774++	45744	87715		
Finningley	360	82323	66022	93249	354++	45737	83617	85624	88644
Dishforth	261	82025	56056	89450	455++	45746	84623	88632	
Tynemouth	262	52025	61022	86050	516++	46760	85836		
Eskdalemuir									
Mull of Galloway	131	82340	44606	77949	874++	49772	88718		
Prestwick	135	82021	62606	77651	354++	47770	81712	83619	88647
Renfrew	141	82813	48656	78345	564++	44556	81708	85711	88618
Leuchars	171	82115	40656	07848	6742+	47752	86714	88520	
Dyce	091	82013	56606	78948	574++	45747	81708	85711	88625
Wick	075	81618	74026	74846	5547+	43744	85612	88458	
Cape Wrath	049	82313	82026	72846	865++	44715	88725		
Sule Skerry	010	82024	81022	72649	864++	45740	88710		
Lerwick	005	81928	26026	75045	574++	43642	85710	88615	
Stornoway	026	81910	66606	70745	6551+	40755	86621	88460	
Benbecula	022	82522	69258	71044	885++	40644	85823	88640	
Tiree	100	72027	66016	73548	355++	44751	83628	88647	
Aldergrove	917	82211	62606	81143	564++	42536	85711	86620	88638
Malin Head	980	82126	66606	76445	874++	41653	85710	88635	
Belmullet	976	72423	74256	79346	734++	39626	83917	87640	
Birr	965	82215	16636	84445	874++	43741	88712		
Collinstown	969	82425	62636	83651	5642+	48647	82710	85620	88550
Rineanna	962	82222	56616	84346	862++	44740	82714	85625	88635
Roches Point	952	82225	48655	87650	873++	50860	88706		
Valentia	953	72622	67256	88250	783++	40625	82707	85821	87634

OBSERVATIONS at 06h. 26 December 1960

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sC_hh_s$	$8N_sC_hh_s$	$8N_sC_hh_s$
Kew	775	82120	69616	93049	673++	46740	86708	88615	
London Airport	772	81924	48636	93249	5732+	47743	85706	88511	
Gatwick	776	82129	48515	95049	353++	47745	83708	86710	88615
Thorney Island	871	82025	48586	95649	472++	48739	84705	88710	
Hurn	862	82124	37636	94450	873++	49748	88709		
Guernsey	894	82026	66216	99550	764++	47740	87711		
Felixstowe	697	82325	74031	94847	854++	45635	81710	88617	
Gorleston	497	71828	64021	93848	755++	46742	87620		
Mildenhall	578	82222	80616	91450	654++	47714	86712	88650	
Cardington	559	82124	74616	90549	374++	48750	83710	88650	
West Raynham	485	82235	61626	89749	863++	45740	88709		
Wittering	462	82227	61636	87949	474++	47745	84710	88614	
Boscombe Down	746	82127	50636	92249	573++	47746	85708	88615	
Ross-on-Wye	627	82411	57636	88946	8042+	43625	88515		
Bristol	628	82317	28636	91445	7732+	45634	87707	88518	
Aberporth	502	52524	74016	87645	584++	38504	82818	85656	
Rhoose (Cardiff)	715	82320	59636	91445	454++	43624	84713	86620	88635
Plymouth	827	82518	48636	93047	5742+	45638	85710	88540	
Chivenor	707	82218	80216	91746	8567+	44819	88632		
St. Mawgan	817	82420	61216	93646	884++	44713	83815	88632	
Culdrose	809	82725	56216	95646	4732+	44613	84708	88530	
Scilly	804	42830	63216	94748	48500	40501	84825		
Elmdon	534	82414	66656	87944	673++	44528	86709	87627	
Shawbury	414	82320	69616	86245	5552+	41614	85621	88543	
Manchester	334	72218	59216	84549	756++	56817	87640		
Squires Gate	318	72424	58016	82246	758++	42715	81640	87657	
Valley	302	42625	66016	83646	45500	37501	84625		
Ronaldsway	204	52530	62016	81245	55600	38500	81712	85635	
Silloth									
Watnall	354	82514	56636	85847	7742+	47635	82710	87713	88530
Spurn Head	396	81928	57636	85548	874++	47747	88715		
Finningley	360	82622	66636	85148	364++	43522	83712	88633	
Dishforth	261	82116	58237	81245	2552+	42735	82625	88456	
Tynemouth	262	82020	66026	79546	3562+	43724	83636	88458	
Eskdalemuir	162	82521	48656	77841	873++	40302	88706		
Mull of Galloway	131	42535	78258	78743	45400	46001	84618		
Prestwick	135	82308	80278	75741	894++	38710	82715	84629	86650
Renfrew	141	72309	62258	74942	68400	36708	83818	85635	
Leuchars	171	22420	70016	73343	25600	40613	82640		
Dyce	091	52213	66016	72342	10932	39620	81360	85070	
Wick	075	12111	80016	68541	10930	37519	81358		
Cape Wrath	049	62013	83626	65141	665++	39731	86720		
Sule Skerry	010	52324	84016	65643	534++	38720	85915		
Lerwick	005	81921	63216	65844	564++	42648	85713	88625	
Stornoway	026	11925	80036	64442	12500	32736	81820		
Benbecula	022	82032	62808	64045	884++	35739	84815	88623	
Tiree	100	62230	74808	70144	684++	37829	82710	83818	85625
Aldergrove	917	42122	74018	79138	485++	34202	81820	84656	
Malin Head	980	52219	74018	75041	584++	36709	83818	85640	
Belmullet	976	82323	66808	78841	835++	33701	85920	88645	
Birr	965	52713	66806	84638	535++	35314	83921	85632	
Collinstown	969	32415	81038	82740	38500	34215	81823	83650	
Rineanna	962	42412	74138	85740	43500	37307	83920	84645	
Roches Point	952	22819	66256	89140	23400	35207	82917		
Valentia	953	32730	69018	89045	33500	32009	83921		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Kew	775	08452	43	ir_o	rrRR
London Airport	772	09442	43	ir_oid_o	$id_oprRRr_or_o$
Gatwick	776	06451	44	dd	$d_od_orrRRrr$
Thorney Island	871	07481	44	ir_orr	d_or_orr
Hurn	862	08462	44	$ir_od_or_orr$	drrrpr$_o$
Guernsey	894	08471	46	id_o	$ir_odrrrIR$
Felixstowe	697	02452	44	+	id_orr
Gorleston	497	01422	40	+	rr
Mildenhall	578	04461	44	id_o	$r_or_orrRRr_or_o$
Cardington	559	06452	39	ir_oid_o	$id_or_or_o$
West Raynham	485	05462	43	+	rrr_or_o
Wittering	462	07441	42	+	$rrRRr_or_o$
Boscombe Down	746	11411	38	d_od_o	d_od_orr
Ross-on-Wye	627	10442	40	d_or_o	rr
Bristol	628	11432	37	+	$ir_or_or_oRRpr_o$
Aberporth	502	16411	37	d_or_oRR	RRr_or_opr
Rhoose (Cardiff)	715	07432	40	ir_oir	$rrRRpr_o$
Plymouth	827	12451	39	$d_od_oir_o$	$rrprpr_o$
Chivenor	707	09461	41	d_od_oddrr	$RRpr_o$
St. Mawgan	817	11432	41	ddrr	rrRR
Culdrose	809	11412	39	r_or_oRRIR	$RRir_opR$
Scilly	804	09432		$id_or_or_orr$	rrpr
Elmdon	534	07442	41	ir_o	$rrRRir_o$
Shawbury	414	07402	37	$ir_or_or_orr$	RRr_or_opr
Manchester	334	07421	36	r_or_o	$rrRRrrpr_o$
Squires Gate	318	08422	39	$ir_oirRRrr$	$rrRRr_or_o$
Valley	302	15401	37	rr	rrpr
Ronaldsway	204	11411	37	RRrr	ph_opr_o
Silloth					
Watnall	354	05421	41	+	$rrid_o$
Spurn Head	396	05452		pr	$rrir_o$
Finningley	360	06441	40	+	ir_orrir
Dishforth	261	06441	40	rr	$rrIRfir_o$
Tynemouth	262	04441	38	r_or_o	r_or_o
Eskdalemuir	162	27362	35	ffRRrr	rrRR
Mull of Galloway	131	03392			
Prestwick	135	19392	35	$r_or_opr_oirph_o$	pr_oph
Renfrew	141	15402	35	rrRRdr	ph_opr_o
Leuchars	171	12391	36	irRR	+
Dyce	091	09391	35	id_oRR	+
Wick	075	91391	35	ir_o	+
Cape Wrath	049	05383	36	ir	ir
Sule Skerry	010	03411	38		
Lerwick	005	01412	38	$rrir_o$	ir_o
Stornoway	026	04402	35	$id_orrr_or_o$	$pr_oh_oprpr_o$
Benbecula	022	05391	37	pr_o	pr_opr
Tiree	100	03401	38	ir_opRpr_o	$pr_oprpRpr_o$
Aldergrove	917	07351	33	ir_orrir_o	pr_o
Malin Head	980	19381	37		
Belmullet	976	12381	33		
Birr	965	13361	34		
Collinstown	969	09361	33		
Rineanna	962	13381	35		
Roches Point	952	11371	34		
Valentia	953	12391	36		

Code FM 21.A

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$YQL_aL_aL_a$	L_oL_oGG	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
A	20620	32700	10000	85020	82336	11500	00203	+++++	+++++	05918	100++
B	20565	51000	82724	61858	05224	855++	00802	88620	+++++	06417	12949
C	20528	35500	52929	65858	06635	52400	00005	85815	+++++	05927	12859
D	20440	41100	73216	69022	28846	72500	22705	87825	+++++	06225	13047
I	20590	19300	83355	96808	61441	894++	81278	88915	+++++	05839	18335
J	20531	19000	42940	96278	84142	49403	00208	84915	+++++	05836	17947
K	20448	15800	82432	40522	14657	864++	00727	88710	+++++	05054	12449
M	23661	01700	61428	75022	85741	58540	31707	82820	85630	05530	11436

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$YQL_aL_aL_a$	L_oL_oGG	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
A	20620	32706	20102	80020	83037	21500	00203	+++++	+++++	05854	100++
B	20565	51006	82328	65268	01824	32507	00719	83820	882++	06211	12759
C	20528	35506	52730	65858	08437	52400	00208	85818	+++++	05730	12859
D	20440	41006	82923	69022	27816	5556+	00500	85630	88360	06331	13245
I	20591	19506	53147	97028	68642	535++	71234	85920	+++++	05832	18245
J	20531	19006	43150	96898	88542	49400	00227	84915	+++++	05837	17947
K	20450	16006	42834	65018	11254	28440	71000	81813	84360	05146	17852
M	23660	01006	71135	75022	81341	52410	36833	85815	+++++	05536	11239

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DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 36195

Date of Issue Tuesday 27 December 1960

Code FM 11.A — OBSERVATIONS at 12h. 26 December 1960

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_{app}	$8N_sC_hh_s$	$8N_sC_hh_s$	$8N_sC_hh_s$
Kew	775	52516	60026	94547	41501	37312	84820	83099	
London Airport	772	42318	64016	94147	31401	39113	83815		
Gatwick	776	62615	66016	95346	17422	39306	81710	86070	
Thorney Island	871	32612	67016	96347	16432	38204	81715	83075	
Hurn	862	22612	71028	96848	22102	39214	82818		
Guernsey	894	42718	70016	00748	42502	40110	84820		
Felixstowe	697	72820	63216	93644	6567+	39309	82620	86645	87358
Gorleston	497	72115	58216	91947	755++	44306	87622		
Mildenhall	578	62317	74016	91347	51602	40205	85830		
Cardington	559	42314	66036	91746	31502	39209	83820		
West Raynham	485	22421	80258	90144	12430	41110	81818		
Wittering	462	12518	74016	90045	13500	36209	81920		
Boscombe Down	746	12613	66016	95445	11530	35214	81820		
Ross-on-Wye	627	32415	66028	92345	11502	32220	81825		
Bristol	628	22419	64028	94046	28400	39211	82813		
Aberporth	502	52525	80278	91443	32502	31308	83820	83070	
Rhoose (Cardiff)	715	62720	80158	94745	5943+	35218	82916	83818	84360
Plymouth	827	52416	66258	97545	58501	39012	81820	85635	
Chivenor	707	72623	82278	95844	58433	35208	83818	84635	85358
St. Mawgan	817	52512	66028	97245	39460	33107	83915	85358	
Culdrose	809	32828	81018	98744	23430	37113	81918		
Scilly	804	72833	56908	98646	792++	42211	87903		
Elmdon	534	12420	62026	90744	19500	34215	81925		
Shawbury	414	22421	74158	89444	29500	31308	82920		
Manchester	334	42121	74038	87343	49440	33212	82818	83630	81920
Squires Gate	318	72528	66158	85544	794++	35215	82915	85822	86650
Valley	302	62530	74028	86744	68500	34112	83822	84645	
Ronaldsway	204	82430	66808	84042	7247+	36211	87818	88458	
Silloth									
Watnall	354	42716	59038	88743	43500	36218	81920	83825	
Spurn Head	396	52418	59258	88143	53400	39213	82915	84825	
Finningley	360	42517	63028	87145	42500	35210	84825		
Dishforth	261	62420	62806	84445	49463	36309	83918	83360	
Tynemouth	262	12315	58021	81543	15600	36105	81640		
Eskdalemuir	162	62418	66036	80038	624++	33000	86815		
Mull of Galloway	131	82540	80031	80350	874++	48205	88715		
Prestwick	135	72217	64808	78142	794++	35202	81710	84817	87930
Renfrew	141	82124	62808	76341	684++	36801	82710	86818	
Leuchars	171	72427	74031	74842	785++	34801	83820	86630	
Dyce	091	62319	74031	72241	58430	32701	81815	85656	
Wick	075	51932	80250	65240	584++	34622	81715	83820	
Cape Wrath	049	72324	81038	59041	735++	39734	87920		
Sule Skerry	010	51930	81031	60244	2344+	37734	82915	85360	
Lerwick	005	21923	81011	65842	28430	36709	81818		
Stornoway	026	82333	58258	60243	893++	38607	82707	85709	88912
Benbecula	022	72541	62258	63945	734++	35213	84712	87915	
Tiree	100	52532	64158	70346	49460	37303	81918		
Aldergrove	917	72126	62268	80935	792++	34003	86704	81918	
Malin Head	980	72538	59299	77044	795++	38313	87923		
Belmullet	976	82826	66878	83041	894++	35223	88918		
Birr	965	72105	77258	87639	735++	35112	86920	87632	
Collinstown	969	72417	80268	85840	7947+	35107	84712	86918	87645
Rineanna	962	42527	80818	88442	29503	35004	82920	84070	
Roches Point	952	72725	80818	92941	794++	35316	87915		
Valentia	953	72923	74258	92445	795++	35012	87921		

OBSERVATIONS at 18h. 26 December 1960

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_{app}	$8N_sC_hh_s$	$8N_sC_hh_s$	$8N_sC_hh_s$
Kew	775	32410	58011	97443	34632	35117	83635		
London Airport	772	32213	69030	97240	35630	34212	83635		
Gatwick	776	22412	66031	98040	24600	34315	82630		
Thorney Island	871	32506	69018	98642	38400	36214	81815		
Hurn	862	22510	60028	98740	29530	35209	81820	81922	
Guernsey	894	32626	78018	02145	33500	38407	83930		
Felixstowe	697	02514	61020	96543	00900	36218			
Gorleston	497	12310	62022	95242	10940	35220	81358		
Mildenhall	578	12417	69021	94441	15600	33213	81630		
Cardington	559	22315	74021	95339	19563	33217	81920		
West Raynham	485	32418	82038	93839	35600	34218	83640		
Wittering	462	42314	74011	93538	00902	33213	84068		
Boscombe Down	746	32409	66020	97738	39500	33210	83925		
Ross-on-Wye	627	62415	70038	94739	59503	34109	84925		
Bristol	628	62108	58258	96638	694++	36208	86918		
Aberporth	502	52620	80278	93741	52500	32217	85828		
Rhoose (Cardiff)	715	52818	74258	96441	29443	35210	82915	85070	
Plymouth	827	82826	48818	00838	893++	36231	88909		
Chivenor	707	52525	80018	97742	53400	35213	85918		
St. Mawgan	817	72615	66278	99639	12403	34017	81815	87068	
Culdrose	809	52925	69258	00340	59400	33314	83914		
Scilly	804	52924	61028	00044	53400	37210	85916		
Elmdon	534	12014	58018	93337	14630	33208	81630		
Shawbury	414	32314	80018	91439	19563	32308	81920	83068	
Manchester	334	61912	74028	90539	65642	30214	81625	86640	
Squires Gate	318	82425	58028	88143	855++	35316	81715	88629	
Valley	302	62828	80018	89942	23562	35314	81920	85073	
Ronaldsway	204	72628	74808	87442	725++	35221	87820		
Silloth									
Watnall	354	52413	58031	91938	50930	32210	85360		
Spurn Head	396	32318	58021	90141	35500	33213	83620		
Finningley	360	22313	61010	90640	00901	33220	82070		
Dishforth	261	62120	61258	88039	624++	35315	86817		
Tynemouth	262	22310	58021	84539	21500	34218	82825		
Eskdalemuir	162	72314	92808	84137	724++	35115	87812		
Mull of Galloway	131	82535	74602	84541	864++	36216	88715		
Prestwick	135	62318	74258	81341	682++	36215	81705	84822	85650
Renfrew	141	72119	59808	80140	734++	37224	83712	87920	
Leuchars	171	62427	62808	77040	48432	34216	81818	84630	85068
Dyce	091	32418	66021	72839	18430	36204	81818	83359	
Wick	075	62128	74808	66040	684++	34307	84818	85640	
Cape Wrath	049	82330	74818	60241	784++	44215	88715		
Sule Skerry	010	62337	66018	59544	634++	42201	86910		
Lerwick	005	71937	74808	63243	784++	38506	85818	86627	
Stornoway	026	82727	58818	64641	793++	38225	82708	85712	88915
Benbecula	022	82540	59258	68345	834++	40214	86915	87625	
Tiree	100	72636	66158	75142	59462	34230	82712	84920	85072
Aldergrove	917	82220	62808	85535	892++	34228	84704	88913	
Malin Head	980	42834	74258	81843	42500	32223	84822		
Belmullet	976	62720	78038	87743	4346+	26127	84919	86359	
Birr	965	72309	66808	92635	735++	33236	86921	87630	
Collinstown	969	62618	74807	90534	39463	32342	83915	85362	86068
Rineanna	962	82916	66879	94338	6947+	34232	82815	86925	88458
Roches Point	952	33009	75258	96536	29460	34231	82915	83360	
Valentia	953	53020	74259	96642	59500	33226	85920		

OBSERVATIONS during DAY

Station	iii	RRT×TxE	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Kew	775	93481	037	ir_o	+
London Airport	772	93471	035	ir_o	+
Gatwick	776	96481	025	r_or_o	+
Thorney Island	871	93491	032	rrr_or_o	pr_o
Hurn	862	91491		+	ph_o
Guernsey	894	04501	024	irphr	prphr
Felixstowe	697	03481	017	RR	+
Gorleston	497	01482	018	$r_or_oir_o$	+
Mildenhall	578	96471	035	$r_or_orrr_or_o$	+
Cardington	559	93471	033	pr_o	l
West Raynham	485	02461	032	$r_or_opr_o$	+
Wittering	462	00451	042	+	+
Boscombe Down	746	94461	046	pr_o	+
Ross-on-Wye	627	93451	027	pr_o	pr_opr
Bristol	628	05461	020	pr_o	pr_opr
Aberporth	502	02441	005	$pr_oh_oph_o$	$pr_ophpr_osoh_o$
Rhoose (Cardiff)	715	06472	021	pr_otlh_o	$phpr_o$
Plymouth	827	04471	036	pRpH	pR
Chivenor	707	02461	013	pr_oph	$pr_oh_olpr_o$
St. Mawgan	817	05461	028	prprh	pRH
Culdrose	809	01472	041	+	$pRpr_o$
Scilly	804	03472	036	pr	pRHprs
Elmdon	534	97451	039	pr_o	+
Shawbury	414	93441	036	$prpr_o$	jpl
Manchester	334	97441	042	pr_o	pr_o
Squires Gate	318	04452	015	$pr_oprphph_o$	$pr_opRHLpR$
Valley	302	92441	010	+	$pr_opr_oh_o$
Ronaldsway	204	04451	005	pr_opr	prrrRR
Silloth					
Watnall	354	94451	046	pr_o	+
Spurn Head	396	01461	042	pr	+
Finningley	360	01451	036	pR	+
Dishforth	261	02451	029	pr_otRS	pr
Tynemouth	262	00441	042	+	+
Eskdalemuir	162	02391	013	prs	pr_oprs
Mull of Galloway	131	94421			
Prestwick	135	05442	005	$prph_o$	pr_ophtlh_o
Renfrew	141	03432	003	pr_oprpR	pr_oprl
Leuchars	171	94421	019	pr_o	pr_o
Dyce	091	00431	020	+	+
Wick	075	92421	014	pr_o	pr_o
Cape Wrath	049	06462		pr	$prpR_2$
Sule Skerry	010	10442			
Lerwick	005	92432	013	+	pr_o
Stornoway	026	10442	000	pr_opr	pr_opr
Benbecula	022	05461	000	pr_opr	$pr_opr_oh_opR$
Tiree	100	01471	002	$pHRpr_oh_o$	$ph_or_opr_o$
Aldergrove	917	04391	006	$pr_os_opr_o$	pr_o
Malin Head	980	0545	000		
Belmullet	976	0346	000		
Birr	965	0543	010		
Collinstown	969	0340	023		
Rineanna	962	0444	012		
Roches Point	952	0241	011		
Valentia	953	0845	008		

Code FM 21.A — OCEAN WEATHER STATION REPORTS at 12h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
A	20620	32712	50233	80028	85937	45501	00219	+++++	+++++	05825	10237
B	20565	51012	62704	69022	95226	61510	00739	86820	84462	06018	12756
C	20528	35512	82731	65858	10236	52470	00212	85815	88364	05724	12859
D	20440	41012	63222	69258	29448	32530	00215	83825	+++++	06139	13035
I	20593	19712	73040	98032	72243	22578	71226	82820	83360	05635	10804
J	20530	19012	62844	97278	94042	59402	00221	85915	+++++	05932	17947
K	20451	16312	72826	65038	16052	5253+	71209	85820	+++++	05445	17856
M	23660	01812	81037	70028	77243	5247+	31731	85815	+++++	05336	16031

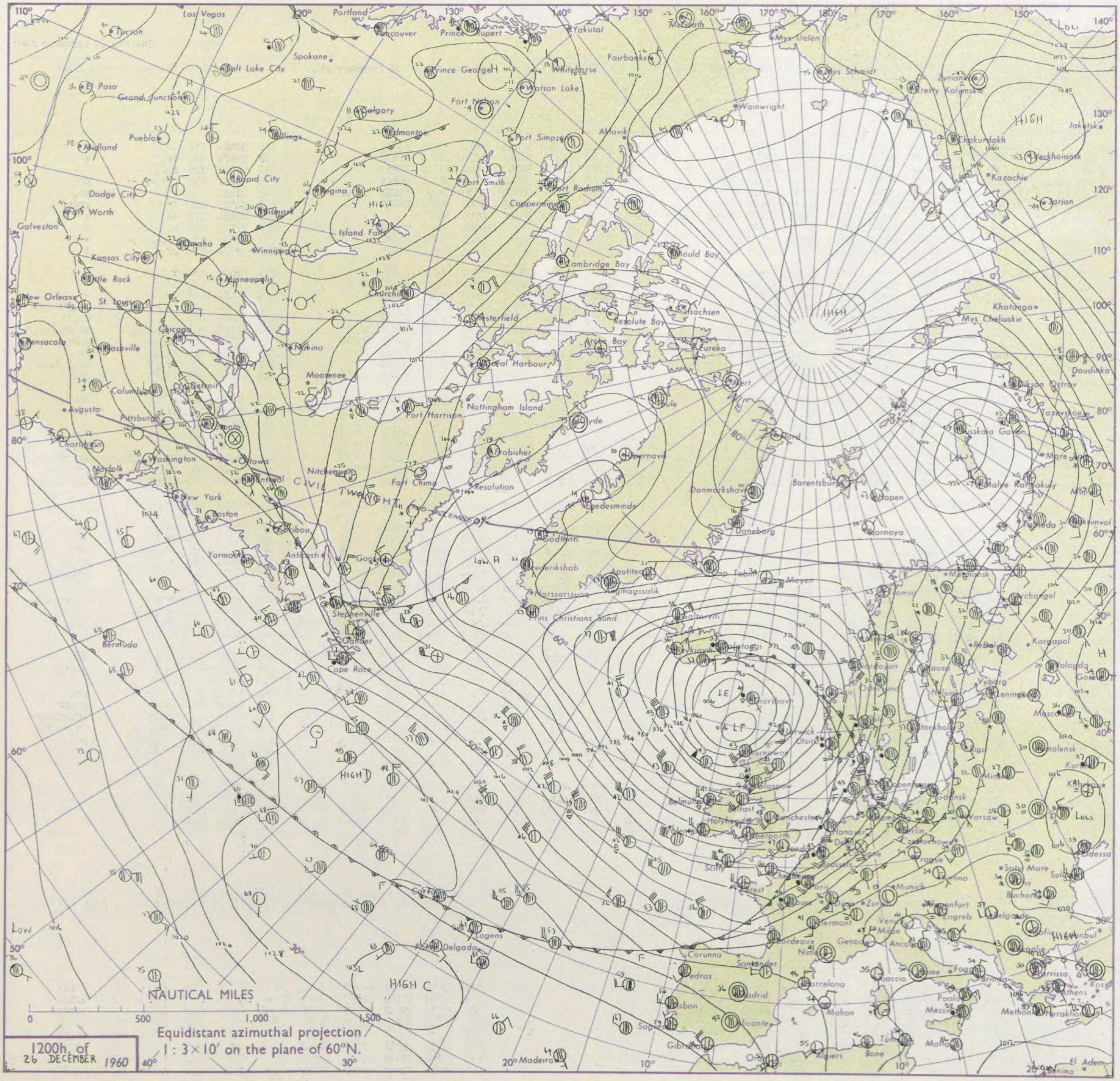
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
A	20619	33018	70128	80022	88036	755++	00211	+++++	+++++	06025	10147
B	20565	51018	92540	01757	88825	9+0++	00508	89+00	+++++	06124	12436
C	20528	35518	72732	65858	09137	52406	00805	85815	872++	05625	12759
D	20440	41018	63720	69028	28250	52502	00202	85825	830++	05838	13046
I	20593	20018	53038	98808	75543	43463	71215	84918	+++++	05636	18036
J	20531	18718	42941	97278	95242	49403	61201	84912	+++++	05940	17846
K	20451	16418	72928	65258	15548	59542	33310	85920	83360	05745	17855
M	23660	02018	81040	60632	71539	6742+	21617	86710	88450	05636	16035

All times of observation printed in this publication are GREENWICH MEAN TIME.

SIR GRAHAM SUTTON, C.B.E., D.Sc., F.R.S., Director General. Meteorological Office, Air Ministry, Kingsway, London, W.C.2

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



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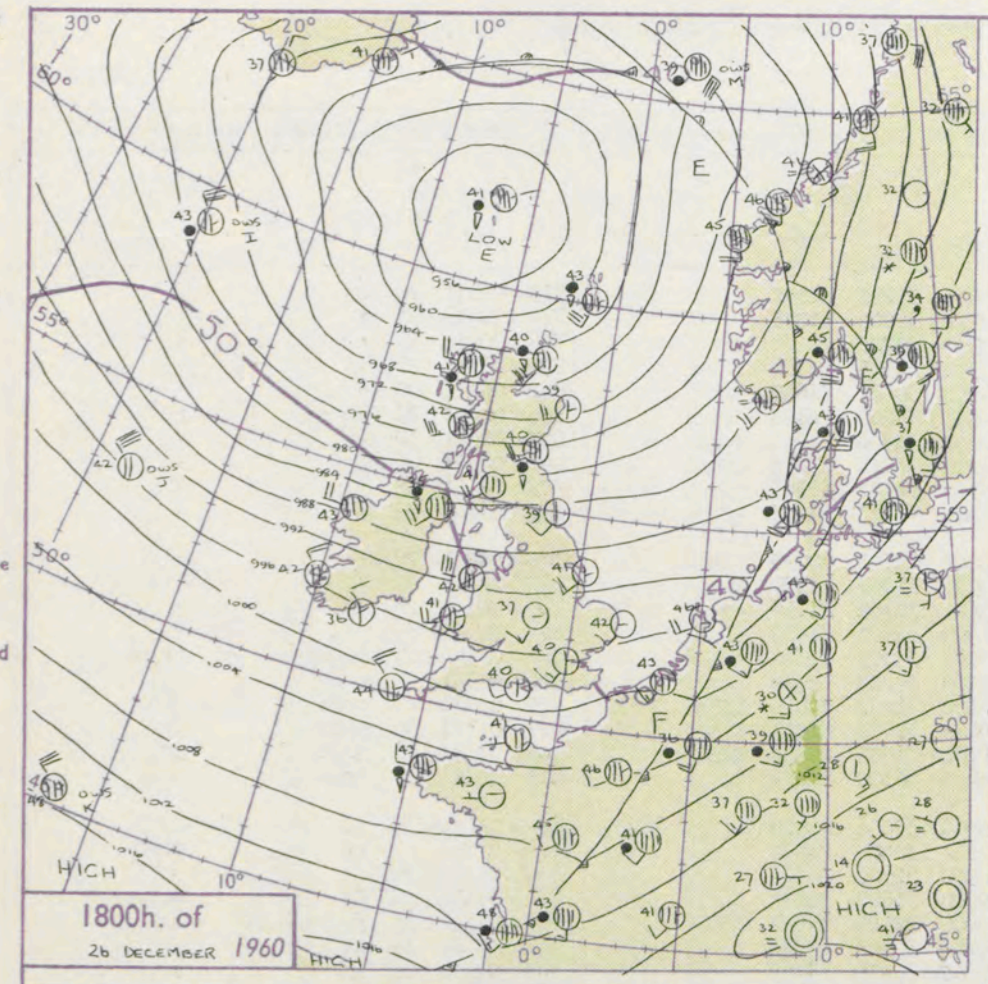

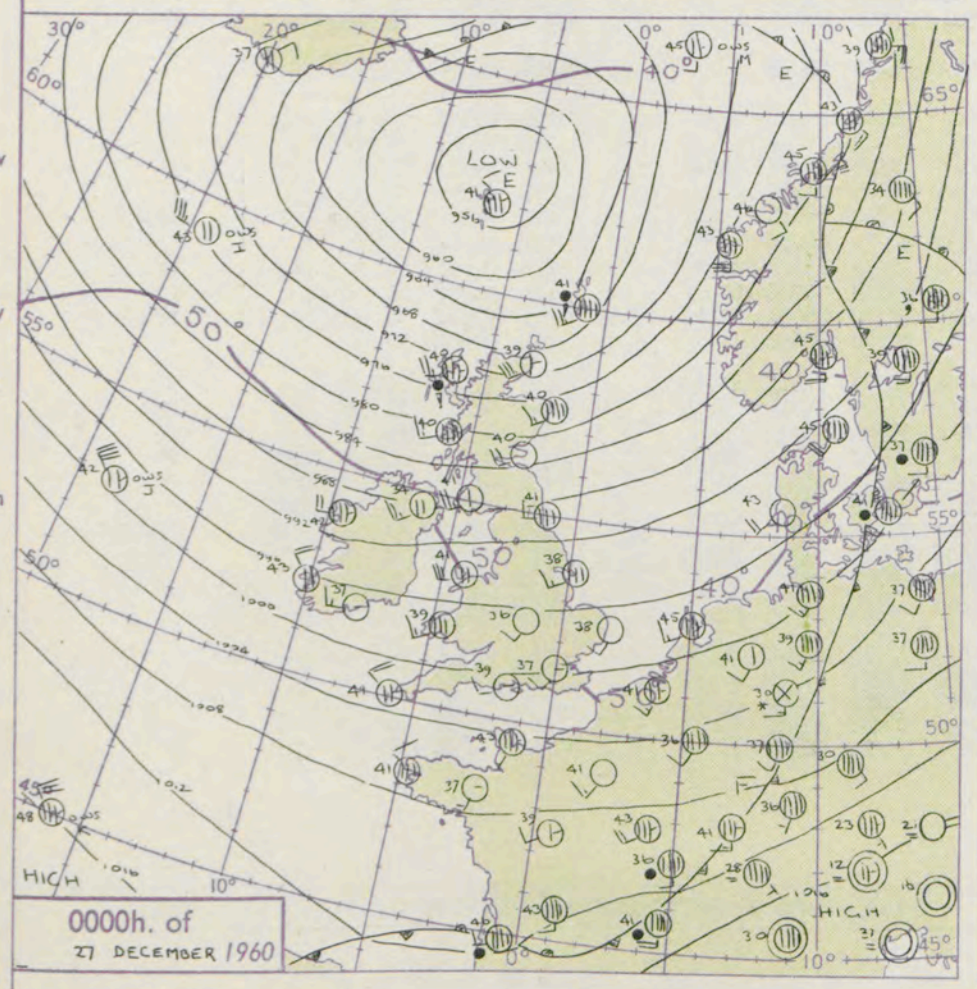

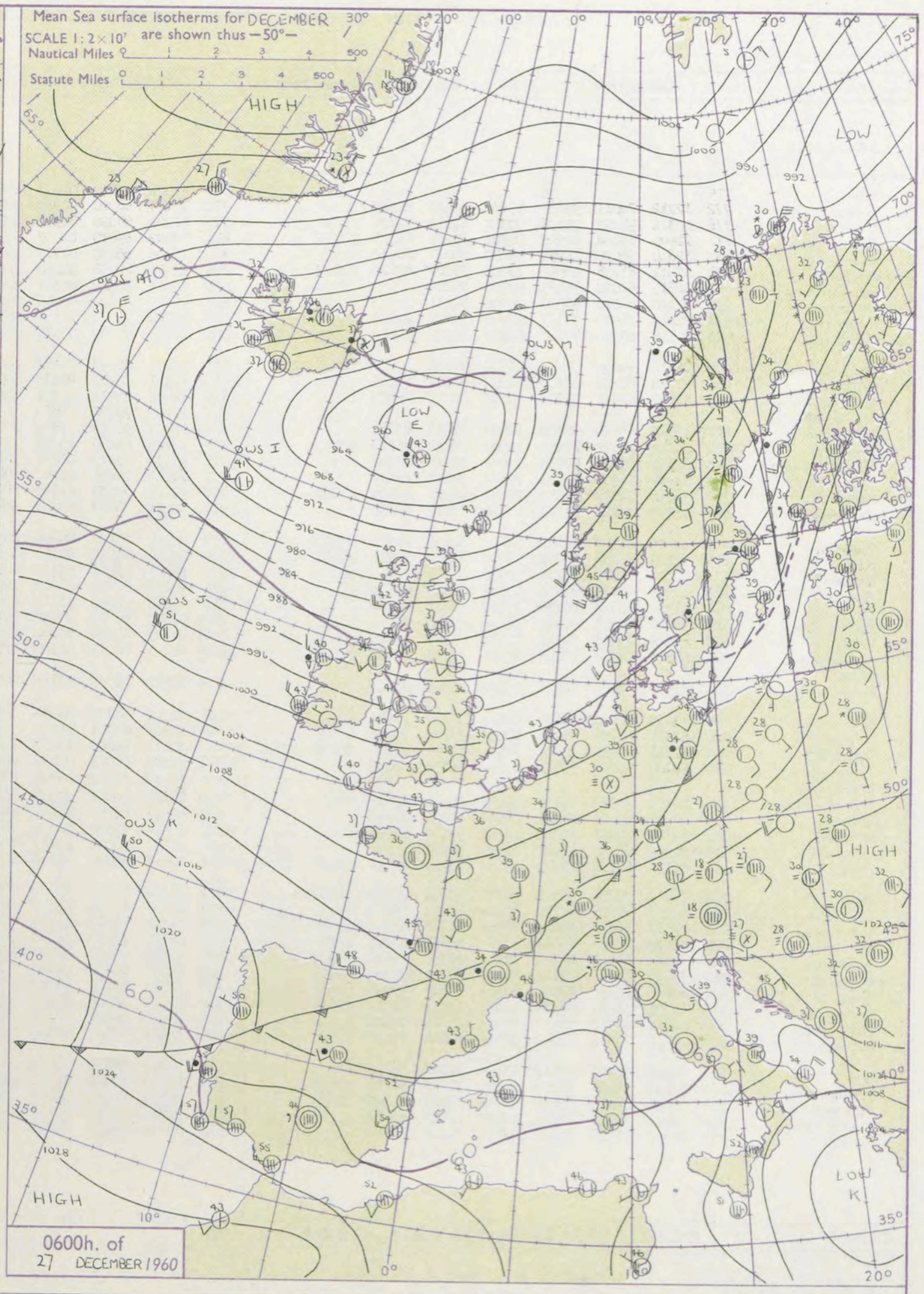

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Tuesday 27 December 1960

The depression between northwest Scotland and Iceland is almost stationary and slowly filling. A vigorous trough of low pressure is expected to approach from the Atlantic, crossing the British Isles rather quickly during tonight and tomorrow morning.

FORECAST for Great Britain and Northern Ireland until noon tomorrow

Most places will have sunny periods, especially eastern districts where afternoon will be mostly sunny. Showers will occur, confined chiefly to western districts, accompanied by hail and thunder in places and giving snow over high ground, especially in north. A belt of more general rain, with snow over hilly districts, will cross Britain during tonight and tomorrow morning. Rather cold with frost at night, especially in east.

OUTLOOK for following 24 hours:

Changeable with further showers or periods of rain and with further falls of snow over hilly districts, especially in north.

Code FM 11.A

OBSERVATIONS at 00h. 27 December 1960

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_{app}	$8N_ch_sh_s$	$8N_ch_sh_s$	$8N_ch_sh_s$
Kew	775			38					
London Airport	772	12212	74011	99437	15630	32206	81645		
Gatwick	776	12311	74012	00136	00901	32212	81075		
Thorney Island	871	12605	69018	00942	00901	36209	81075		
Hurn	862	12610	66020	00939	15600	34007	81630		
Guernsey	894	32412	81258	04840	33500	35203	83820	81930	
Felixstowe	697	02615	60020	99139	00900	35214			
Gorleston	497	02110	64020	97538	00900	34211			
Mildenhall	578	22412	74030	97137	20940	33214	82365		
Cardington	559	12318	66010	97637	00902	33109	81070		
West Raynham	485	02416	66020	96335	00900	33208			
Wittering	462	22414	80030	96436	21500	33217	82825		
Boscombe Down	746	52506	82031	01035	59500	32212	85920		
Ross-on-Wye									
Bristol	628	32415	66018	99238	39400	35213	83915		
Aberporth	502	62514	80038	97339	12502	32010	81820	86070	
Rhoose (Cardiff)	715	82913	66808	99638	894++	35316	88911		
Plymouth	827	72610	58808	01941	794++	37210	87914		
Chivenor	707	72412	74257	00550	784++	46213	84815	87623	
St. Mawgan	817	42717	74258	01741	43500	33210	84920		
Culdrose	809	52618	81258	02642	59400	32106	82916	83818	
Scilly	804	52918	81258	03041	58400	40214	84818	83628	
Elmdon	534	02111	82021	96936	00900	33315			
Shawbury	414	12310	82021	96036	14602	30120	81630		
Manchester	334	21910	63018	94235	25700	34118	82650		
Squires Gate	318	72520	59038	92242	784++	37218	81818	87656	
Valley	302	42729	74018	94141	12631	35209	81825	83075	
Ronaldsway	204	52526	74018	92141	32501	32218	83820	83070	
Silloth									
Watnall	354	32508	58258	95636	35500	34322	83623		
Spurn Head	396	62415	58031	93138	655++	35237	86625		
Finningley	360	62811	63258	94138	4843+	33218	81816	83625	
Dishforth	261	72318	80258	91638	785++	36224	81820	85826	87648
Tynemouth	262	62709	48031	88941	656++	36230	86636		
Eskdalemuir									
Mull of Galloway	131	52535	78012	89139	35470	34214	83618	83360	
Prestwick	135	22426	82029	86041	22500	30221	82825		
Renfrew	141	12317	85258	84840	19500	31219	81920		
Leuchars	171	02519	66028	81540	00900	33230			
Dyce	091	82316	66021	78740	2577+	30229	82656	87458	
Wick	075	32332	80258	70339	48400	34222	81815	84640	
Cape Wrath	049	82937	81828	67943	874++	43233	88715		
Sule Skerry	010	82437	66818	65445	834++	43224	88910		
Lerwick	005	82334	56818	64441	833++	40312	88908		
Stornoway	026	72623	66808	72740	794++	37237	82712	87914	
Benbecula	022	72730	61258	77143	6347+	40236	86915	87460	
Tiree	100	82616	66298	80940	5347+	38019	85918	88458	
Aldergrove	917	42325	66030	89234	45400	32211	81713	83630	
Malin Head	980	82418	66268	86237	835++	34214	88922		
Belmullet	976	72718	74258	89842	734++	32308	87918		
Birr	965	82215	66808	94437	835++	31306	86920	88632	
Collinstown	969	52419	74038	92936	53500	30117	82920	85635	
Rineanna	962	72614	74038	95638	735++	35207	84920	87640	
Roches Point	952	12616	74018	98537	19402	33206	81918		
Valentia	953	42920	71278	98643	49500	34208	84920		

OBSERVATIONS at 06h. 27 December 1960

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_{app}	$8N_ch_sh_s$	$8N_ch_sh_s$	$8N_ch_sh_s$
Kew	775	12406	70010	01037	15600	33202	81635		
London Airport	772	12207	66020	00933	00902	32205	81075		
Gatwick	776	02204	63020	01532	00900	29202			
Thorney Island	871	03002	69010	02337	00900	34305			
Hurn	862	13301	66030	01733	15601	30001	81645		
Guernsey	894	42714	82258	04840	42500	35205	84820		
Felixstowe	697	02615	60020	00637	00900	34304			
Gorleston	497	02107	62020	99635	00900	33212			
Mildenhall	578	32209	74030	99135	30930	32103	83365		
Cardington	559	12108	58020	00134	00901	33111	81075		
West Raynham	485	22415	66020	98433	00902	32205	82075		
Wittering	462	12511	74020	98135	00902	31303	81070		
Boscombe Down	746	12405	80031	01732	15601	30102	81630		
Ross-on-Wye	627	12205	77020	99635	15600	32103	81630		
Bristol	628	12009	66018	00835	00903	33003	81070		
Aberporth	502	22718	80038	98240	23400	31203	82918		
Rhoose (Cardiff)	715	42511	74019	00639	48400	34000	82815	83635	
Plymouth	827	12911	61258	03240	19400	37303	81917		
Chivenor	707	52719	69039	01140	58400	36501	82816	83625	
St. Mawgan	817	42411	74258	02840	43400	46400	84917		
Culdrose	809	42515	69808	03840	49500	37004	84920		
Scilly	804	42916	81028	04340	43500	38400	84922		
Elmdon	534	02013	86021	98335	00900	32000			
Shawbury	414	22215	82268	96436	29500	31802	82920		
Manchester	334	41918	66020	95335	43400	32400	81918	83650	
Squires Gate	318	52520	66279	93340	59400	37305	85918		
Valley	302	42625	74018	95341	32502	35208	83825		
Ronaldsway	204	32625	66018	93140	22501	32310	82820		
Silloth									
Watnall	354	62510	66030	97134	00901	31203	86075		
Spurn Head	396	02315	58021	96036	00900	33208			
Finningley	360	02111	63021	95735	00900	32400			
Dishforth	261	72411	74808	93937	794++	33303	86718	81918	
Tynemouth	262	32309	66021	91536	00908	33215	83275		
Eskdalemuir	162	82215	66707	90732	874++	30304	88711		
Mull of Galloway	131	42534	80011	91439	43400	34213	84915		
Prestwick	135	82421	66258	88441	884++	34211	83816	88625	
Renfrew	141	70000	89808	88035	733++	33320	81708	87926	
Leuchars	171	72418	60031	85437	4562+	33215	82711	84640	87459
Dyce	091	72413	74022	83738	657++	31220	86650		
Wick	075	51719	80038	79039	584++	34234	82815	85635	
Cape Wrath	049	52744	81018	74243	574++	38207	85715		
Sule Skerry	010	62730	66818	73245	634++	38224	86910		
Lerwick	005	52329	74028	71343	584++	39237	83812	84630	
Stornoway	026	12516	80258	78840	12500	35122	81820		
Benbecula	022	82636	66808	82640	834++	37238	88918		
Tiree	100	32723	80149	84342	39502	37215	83920		
Aldergrove	917	42217	74038	91134	46400	32207	81708	84710	
Malin Head	980	62416	66258	87939	634++	35208	86918		
Belmullet	976	72717	66808	92840	734++	32112	87919		
Birr	965	52713	66858	96636	535++	33312	84921	85635	
Collinstown	969	12520	80028	94535	16400	32208	81710		
Rineanna	962	22512	74018	97438	29400	34211	82918		
Roches Point	952	12807	74011	00237	19400	32208	81918		
Valentia	953	82921	69258	00043	895++	35205	88920		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Kew	775	00331	22	+	+
London Airport	772	00311	21	+	+
Gatwick	776	00293	23	+	+
Thorney Island	871	00351	28	+	+
Hurn	862	00313	20	+	+
Guernsey	894	02391	35	pr	pr
Felixstowe	697	00361	32	+	+
Gorleston	497	00323	28	+	+
Mildenhall	578	00341	29	+	+
Cardington	559	00331	29	+	+
West Raynham	485	00321	28	+	+
Wittering	462	00331	29	+	+
Boscombe Down	746	00311	25	+	+
Ross-on-Wye	627	97351	30	pr_o	+
Bristol	628	03341	27	pr_opr	pr_opr
Aberporth	502	95361	33	pr_o	ph_o
Rhoose (Cardiff)	715	03372	33	prph	$TLHpr_o$
Plymouth	827	01371	30	pr_opr	pr_o
Chivenor	707	03382	34	pr_oh_otlrh	pr_oh_o
St. Mawgan	817	02361	31	$prnpr_o$	pRTL
Culdrose	809	02352	32	ph	pr
Scilly	804	05391		pr	phpr
Elmdon	534	00341	30	+	+
Shawbury	414	97353	26	l	pr_os_o
Manchester	334	02341	30	$pr_oprpr_ops_o$	+
Squires Gate	318	01381	36	tl	pr_oprh
Valley	302	97401	36	+	pr_oh_o
Ronaldsway	204	91401	37	ph_opr_o	pr_o
Silloth					
Watnall	354	97331	28	pr_o	+
Spurn Head	396	00350		+	+
Finningley	360	97343	29	pr_o	+
Dishforth	261	94333	25	+	+
Tynemouth	262	00351	30	+	+
Eskdalemuir	162	97325	31	prs	is_o
Mull of Galloway	131	00361			
Prestwick	135	03361	34	$pr_olpr_oh_o$	pr
Renfrew	141	04342	31	pr_os_o	pr_o
Leuchars	171	92361	34	pr_o	pr_o
Dyce	091	00361	32	+	+
Wick	075	91381	35	pr	pr_o
Cape Wrath	049	04392	32	pr	prh
Sule Skerry	010	04411	38		
Lerwick	005	05392	38	pr_oprhpr	pr_o
Stornoway	026	04372	33	$prpRHpr_o$	pr_oprh
Benbecula	022	02391	36	$prph_opr_o$	pr_oph
Tiree	100	05371	33	pRHTtlrh	$phphrpt_oh_o$
Aldergrove	917	97331	32	pr_o	pr_o
Malin Head	980	04351	32		
Belmullet	976	03371	32		
Birr	965	03341	32		
Collinstown	969	01333	32		
Rineanna	962	04351	32		
Roches Point	952	96351	31		
Valentia	953	02381	35		

Code FM 21.A

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_{sapp}	$8N_ch_sh_s$	$8N_ch_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
A	30619	32900	74528	80022	88136	755++	00806	+++++	+++++	05827	13547
B	30565	51000	93241	07737	92627	9+0++	00325	89+01	+++++	05922	12747
C	30528	35500	82032	63616	00839	824++	00661	+++++	+++++	05437	12159
D	30440	41000	22324	69021	28952	11501	00002	81820	+++++	05610	12345
I	30591	19600	42733	98011	76043	42560	00811	84820	+++++	05636	17842
J	30530	18800	53040	98278	97342	53400	71111	85916	+++++	05939	18046
K	30450	16000	72928	65258	15648	734++	72506	87323	+++++	05643	17854
M	33665	02300	51812	60216	70345	35570	41505	83620	+++++	05139	11721

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_{sapp}	$8N_ch_sh_s$	$8N_ch_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
A	30618	32906	33429	80021	86237	35500	00713	+++++	+++++	05830	13447
B	30565	51006	62932	63027	00129	65500	00239	86620	+++++	05726	12719
C	30528	35506	62735	65858	99838	62400	00507	86815	+++++	05528	12559
D	30440	41006	22325	69020	26857	21500	00000	82825	+++++	05248	12445
I	30591	19306	52624	98022	75741	59500	00701	82920	83822	05840	17610
J	30530	19006	42836	98263	97651	43400	61704	84918	+++++	06037	17855
K	30452	16206	42924	65012	17650	42400	72309	84823	+++++	05437	17862
M	33660	02306	81727	65038	69645	49410	51712	84917	88458	05137	11637

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DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 36196

Date of Issue Wednesday 28 December 1960

Code FM 11.A

OBSERVATIONS at 12h. 27 December 1960

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$8N_sC_hs_hs$
Kew	775	12507	58010	03241	00901	33201	81099		
London Airport	772	12509	69020	03542	15801	33209	81657		
Gatwick	776	12510	74020	03842	15600	35108	81635		
Thorney Island	871	12705	66020	04543	19500	36006	81920		
Hurn	862	32507	58040	04443	12533	37004	81825	83078	
Guernsey	894	32810	84152	06945	29403	36007	82815	82920	
Felixstowe	697	02812	60020	02941	00900	35105			
Gorleston	497	12110	62010	02139	10940	35101	81358		
Mildenhall	578	12512	69020	01640	15700	34208	81656		
Cardington	559	12312	74010	02241	10940	34106	81359		
West Raynham	485	12520	66020	00538	00902	33104	81070		
Wittering	462	12516	66021	00740	11501	32006	81825		
Boscombe Down	746	32511	80030	04041	11432	33204	81815	83070	
Ross-on-Wye	627	12210	66028	01941	13503	32213	81925		
Bristol	628	62315	58258	03138	694++	35207	86915		
Aberporth	502	32617	86878	01342	33403	32106	82915		
Rhoose (Cardiff)	715	62311	66808	03341	694++	37006	81710	85914	
Plymouth	827	32719	66258	05542	39400	37203	83914		
Chivenor	707	43606	74018	03742	42400	38007	84817		
St. Mawgan	817	32519	80019	05243	39400	37004	83915		
Culdrose	809	72912	72258	06543	79400	37107	82812	84915	
Scilly	804	63214	40158	06846	68400	39212	85814		
Elmdon	534	12213	40040	00939	00901	33105	81072		
Shawbury	414	22515	82018	99242	13563	34001	81925		
Manchester	334	32112	62021	98240	19563	33110	81920	83357	
Squires Gate	318	32621	66028	96743	39403	35210	81918	83820	
Valley	302	52718	80028	98542	58500	38113	82820	84640	
Ronaldsway	204	72623	82031	97041	62432	35113	86818		
Silloth									
Watnall	354	12509	48031	99640	11430	32015	81815		
Spurn Head	396	62415	58031	97939	30942	34005	83358	84070	
Finningley	360	52515	61021	98442	15502	32108	81625	85072	
Dishforth	261	62317	58258	96537	39463	35108	81918	83820	86070
Tynemouth	262	72307	32022	94139	756++	34211	87630		
Eskdalemuir	162	32410	74267	93337	38400	33105	81815	83640	
Mull of Galloway	131	42530	80011	94940	28402	35114	82818	83620	
Prestwick	135	72321	70278	91842	794++	35110	82712	84917	
Renfrew	141	72311	28808	91837	733++	35217	82710	86918	87635
Leuchars	171	72911	56808	89639	634++	36215	81710	85918	86068
Dyce	091	62310	80012	98238	15832	32216	81657	84360	86072
Wick	075	61916	80022	84539	2943+	34215	81915	86362	
Cape Wrath	049	82718	81038	80941	835++	41224	88920		
Sule Skerry	010	62324	81028	79944	53405	37227	85915		
Lerwick	005	72230	74028	79843	524+2	35135	85815	86070	
Stornoway	026	72115	80158	83040	59463	35215	85918		
Benbecula	022	72328	62158	84044	794++	37211	82714	83917	86920
Tiree	100	72414	74278	87838	5946+	34108	81712	84918	85358
Aldergrove	917	72418	66038	94937	783++	35211	85707	85630	
Malin Head	980	72225	74278	92039	795++	34113	87922		
Belmullet	976	72621	78299	94740	69503	33002	86920	87070	
Birr	965	72308	74158	99637	735++	35211	84921	87635	
Collinstown	969	32617	82010	98036	1950[illegible]	33212	81921	83068	
Rineanna	962	72608	74258	00039	43403	36005	81810	84920	87070
Roches Point	952	62610	80021	02738	39402	34007	83915	86071	
Valentia	953	63019	77278	02141	695++	37107	86920		

OBSERVATIONS at 18h. 27 December 1960

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$8N_sC_hs_hs$
Kew	775	42307	50030	04740	00901	34212	84099		
London Airport	772	12006	48040	04736	10963	32211	81362		
Gatwick	776	12106	59020	05233	12501	30109	81820		
Thorney Island	871	22401	56020	05940	24600	35214	82645		
Hurn	862	42004	37041	05538	19502	34010	81822	84078	81925
Guernsey	894	52413	82038	08142	59430	33309	81915	83818	
Felixstowe	697	02510	40020	04439	00900	36311			
Gorleston	497	02108	62020	03736	00900	33208			
Mildenhall	578	02310	63010	03236	00900	33214			
Cardington	559	32108	58030	03535	34600	32213	83635		
West Raynham	485	02311	61010	02334	00900	32215			
Wittering	462	02209	59011	02635	00900	32212			
Boscombe Down	746	02205	66011	05533	00900	31211			
Ross-on-Wye	627	43007	70028	03137	25602	32211	82630		
Bristol	628	32007	58011	04236	31400	34109	83818		
Aberporth	502	72109	80012	02338	62561	32208	86820		
Rhoose (Cardiff)	715	62803	66018	04440	625++	36209	86820		
Plymouth	827	63309	48048	06639	69400	36208	83918	83650	
Chivenor	707	72418	79258	05141	5343+	37313	84816	87360	81916
St. Mawgan	817	42414	74018	06041	49400	36302	84918		
Culdrose	809	32613	78018	06741	39400	33205	82914		
Scilly	804	32819	82018	06043	32400	36807	83816		
Elmdon	534	32110	20040	02837	15631	33213	81630		
Shawbury	414	61809	82031	01236	1956+	31210	81925	86365	
Manchester	334	22013	62020	00136	15530	32212	81622		
Squires Gate	318	42521	61258	98441	28503	35208	82822	83068	
Valley	302	62620	80022	99442	625++	38204	86820		
Ronaldsway	204	52521	83012	97841	32502	35205	83820	85070	
Silloth									
Watnall	354	02611	32021	01336	00900	32213			
Spurn Head	396	22012	48011	00139	25500	35213	82625		
Finningley	360	42312	58031	00337	40930	32211	84360		
Dishforth	261	61911	48048	98338	5456+	33209	81820	84625	
Tynemouth	262	02304	32011	96637	00900	34211			
Eskdalemuir	162	72209	82018	96035	755++	32015	87625		
Mull of Galloway	131	72327	82032	95340	5941+	35401	85918	87460	
Prestwick	135	72416	69258	93641	6947+	33103	82815	84923	85630
Renfrew	141	42215	58048	92739	38401	32003	82816		
Leuchars	171	62418	60118	91937	684++	34214	82715	83825	86635
Dyce	091	71806	74022	90935	3573+	31318	83656	87360	
Wick	075	31915	82011	86937	38500	31217	81820		
Cape Wrath	049	42318	83028	83439	49500	34207	84925		
Sule Skerry	010	52124	81018	82442	534++	37219	85915		
Lerwick	005	72126	74271	83341	634+2	35214	84915	83628	
Stornoway	026	22112	80028	84737	29400	32210	82918		
Benbecula	022	62325	62258	85542	695++	38103	81716	86922	
Tiree	100	32221	69299	88539	29563	38105	82920		
Aldergrove	917	22017	74011	95235	25500	32601	81707		
Malin Head	980	72217	66808	92437	795++	34106	87920		
Belmullet	976	72217	74259	91942	734++	34820	87919		
Birr	965	31909	77258	98634	33500	32803	81921	83633	
Collinstown	969	22415	74018	98036	19503	30500	81920		
Rineanna	962	41912	80018	98637	435++	34711	81920	84640	
Roches Point	052	12408	75018	01637	19401	33803	81915		
Valentia	953	42410	77018	99543	49500	36821	84920		

OBSERVATIONS during DAY

Station	iii	$R_RT_TT_xT_xE$	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Kew	775	00431	066	+	+
London Airport	772	00431	065	+	+
Gatwick	776	00443	058	+	+
Thorney Island	871	00461	066	+	+
Hurn	862	97453		+	+
Guernsey	894	01471	047	+	$phpr_o$
Felixstowe	697	00411	058	+	+
Gorleston	497	00421	061	+	+
Mildenhall	578	00423	066	+	+
Cardington	559	00421	053	+	+
West Raynham	485	97403	060	+	+
Wittering	462	00423	061	+	+
Boscombe Down	746	00443	046	+	+
Ross-on-Wye	627	97431	054	pr_o	pr_o
Bristol	628	02411	035	pr_o	pr_o
Aberporth	502	94431	029	$pr_oh_opr_o$	$pr_oh_opr_o$
Rhoose (Cardiff)	715	04452	016	pr_oph_o	pr_opH
Plymouth	827	01451	051	pr_o	pr_oh_o
Chivenor	707	01461	029	pr_o	pr_o
St. Mawgan	817	04451	034	tlphprh	prhpr
Culdrose	809	01441	027	pr	+
Scilly	804	02461	039	pr	pr
Elmdon	534	00411	058	+	+
Shawbury	414	97441	057	jp	$pr_opr_os_o$
Manchester	334	00431	059	+	+
Squires Gate	318	02441	019	ph_opr_o	$prhph_opr_o$
Valley	302	97431	012	pr_o	+
Ronaldsway	204	00431	019	+	+
Silloth					
Watnall	354	00421	046	+	+
Spurn Head	396	00410	027	+	+
Finningley	360	00431	033	+	+
Dishforth	261	01401	017	pr_o	+
Tynemouth	262	00411	018	+	+
Eskdalemuir	162	97381	016	pr_opr_o	pr_o
Mull of Galloway	131	00411			
Prestwick	135	91431	017	ph_opr_o	pr_o
Renfrew	141	02411	013	pr_opRS	pr_o
Leuchars	171	92401	022	pr_o	+
Dyce	091	00400	018	+	+
Wick	075	00391	013	+	+
Cape Wrath	049	01422		prh	phpr
Sule Skerry	010	01441			
Lerwick	005	91431	000	pr_o	pr_oh_o
Stornoway	026	02402	000	pr_oprh	ph_opr
Benbecula	022	04441	003	pr_o	ph_ophr
Tiree	100	04431	004	$prhpr_oh_o$	$tlrpRHpr_oh_o$
Aldergrove	917	00381	007	+	+
Malin Head	980	0341	013		
Belmullet	976	0544	011		
Birr	965	0238	015		
Collinstown	969	9739	038		
Rineanna	962	0440	014		
Roches Point	952	9145	029		
Valentia	953	0346	018		

Code FM 21.A

OCEAN WEATHER STATION REPORTS at 12h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
A	30618	32912	83420	75268	84939	894++	00500	+++++	+++++	05734	13435
B	30565	51012	02713	69021	04228	21500	00308	82825	+++++	05812	12734
C	30528	35512	62741	63858	04634	62400	00239	86815	+++++	06026	17551
D	30440	41012	42328	69020	27559	31530	00307	83250	+++++	00050	12535
I	30591	19112	42420	98158	73140	49560	00809	81920	83825	05935	12434
J	30532	19212	82438	96606	93243	8742+	61832	86710	88515	05742	17546
K	30453	16212	63026	70030	21650	54540	32218	83826	83633	05439	100+0
M	33661	02012	61322	70018	69945	49462	31512	82915	84625	05141	11448

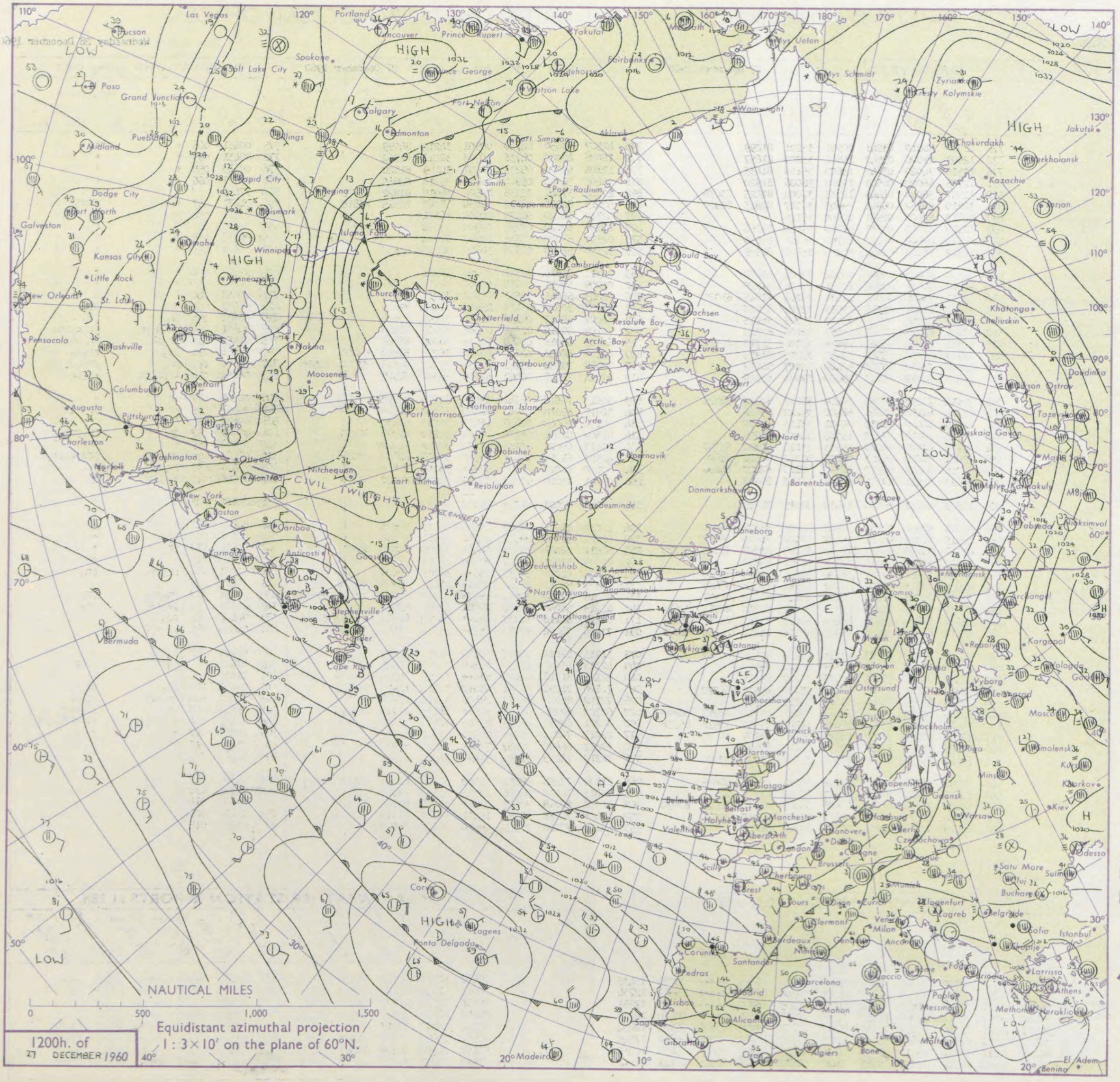
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
A	30618	32918	50328	75158	87841	39468	00221	+++++	+++++	05534	+++++
B	30565	51018	61805	78153	04229	22502	00507	82825	850++	05717	12743
C	30528	35518	72731	65858	10237	72400	00225	87815	+++++	05723	17651
D	30440	41018	32017	69020	24159	35500	00714	83625	+++++	05351	13445
I	30591	19018	72223	98808	69240	785++	51718	85825	85630	05937	12237
J	30534	19618	72838	94888	87339	793++	61711	87908	+++++	06035	17657
K	30450	16718	62728	70011	20052	34544	71707	83630	+++++	05241	100+0
M	33659	02218	51925	65028	75946	58400	41242	83815	+++++	00041	12036

All times of observation printed in this publication are GREENWICH MEAN TIME.

SIR GRAHAM SUTTON, C.B.E., D.Sc., F.R.S., Director General. Meteorological Office, Air Ministry, Kingsway, London, W.C.2

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WEST EUROPE

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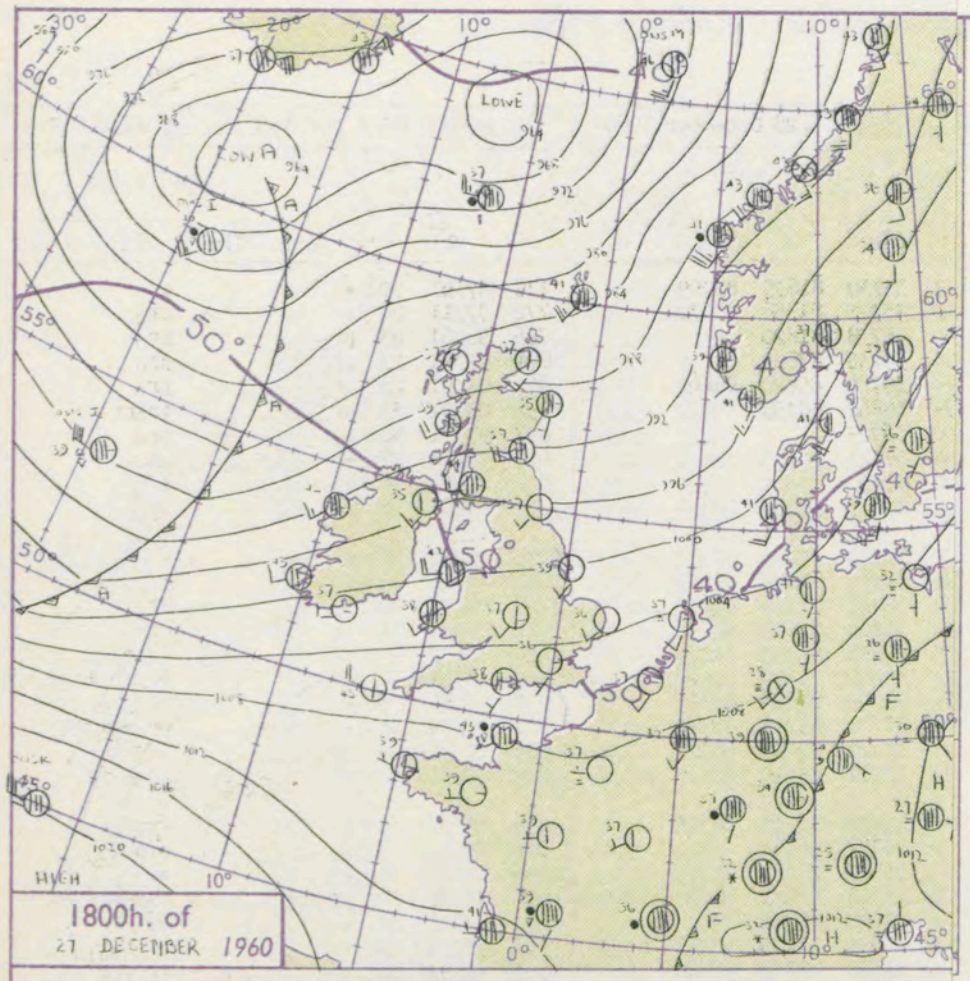

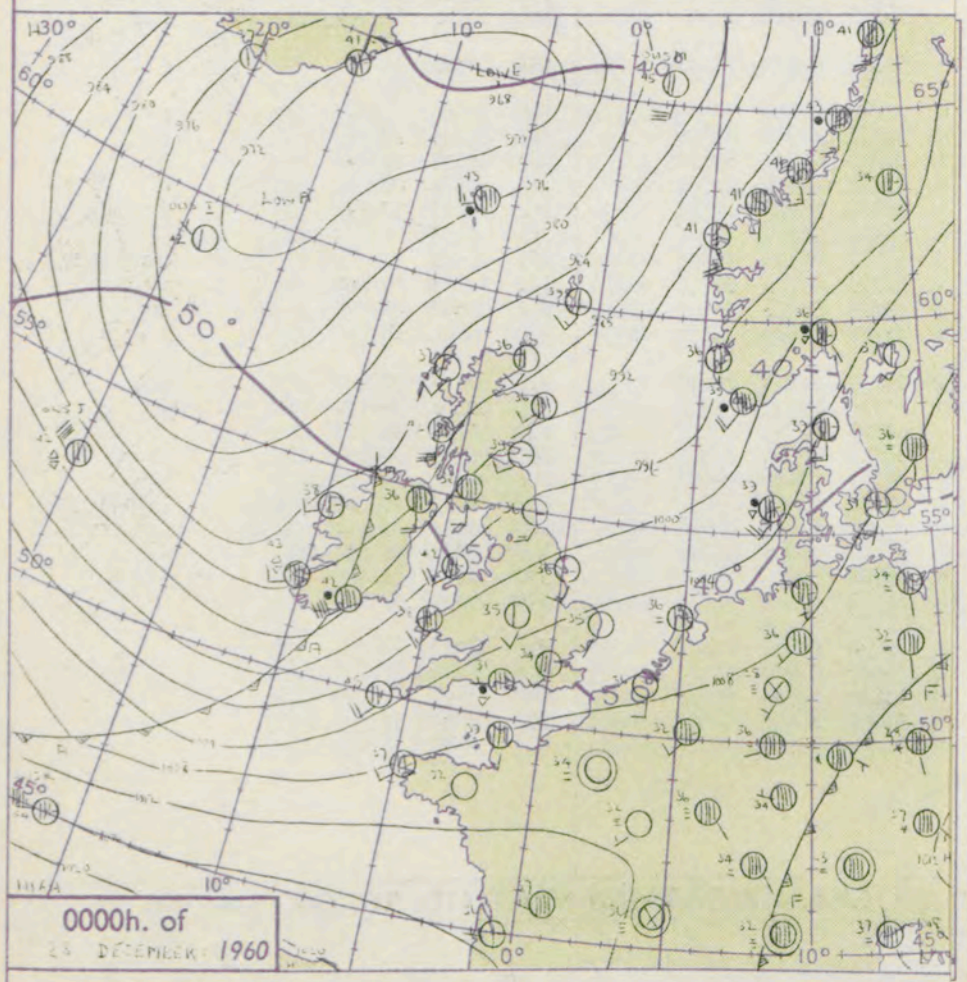

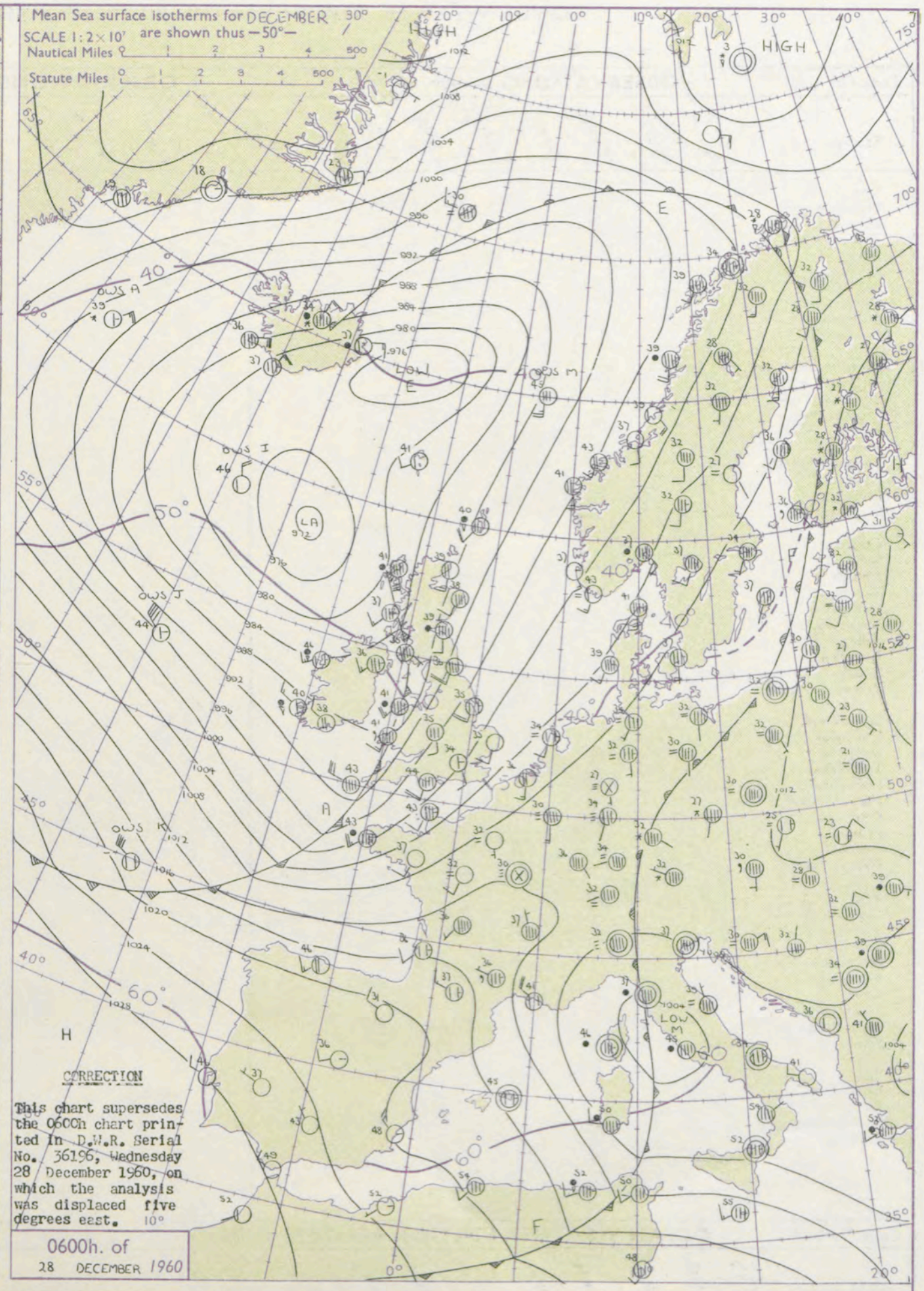

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Wednesday 28 December 1960

A depression has remained centred north of Scotland, and another depression which has moved across from the west will amalgamate with it. A cold front associated with the Atlantic depression has moved quickly into western districts. Waves on this front have slowed it down, but it should reach the North Sea by tomorrow morning.

FORECAST for Great Britain and Northern Ireland until noon tomorrow

Eastern and some central districts will be wet at first, with snow on high ground, and on some lower ground too. The brighter showery weather of the west will spread across to nearly all parts by late evening, but skies will mainly clear by night in east and central areas with frost in many places. Rain from another Atlantic frontal system may reach the extreme west by midday.

OUTLOOK for the following 24 hours:-

Rain spreading across most parts, preceded by sleet or snow in some places. Becoming less cold in most districts.

Code FM 11.A

OBSERVATIONS at 00h. 28 December 1960

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775			35					
London Airport	772	42008	56041	04834	00901	31706	84070		
Gatwick	776	10000	56110	05630	00901	29006	81070		
Thorney Island	871	10000	58010	05632	12500	31807	81820		
Hurn	862	62606	61801	05231	685++	30810	83825	84650	
Guernsey	894	32315	89031	07943	19503	34704	81825	81925	83072
Felixstowe	697	02609	40020	05037	00900	34802			
Gorleston	497	02106	58020	04335	00900	32400			
Mildenhall	578	02009	62020	03735	00900	33803			
Cardington	559	02110	66020	03634	00900	31706			
West Raynham	485	02214	48020	03433	00900	31000			
Wittering	462	22108	37020	02931	20940	31703	82365		
Boscombe Down	746	11706	56030	04931	15600	28810	81630		
Ross-on-Wye									
Bristol	628	02012	66018	03536	00900	34813			
Aberporth	502	81916	83038	99038	8091+	33828	88465		
Rhoose (Cardiff)	715	12512	80018	02839	15600	35718	81640		
Plymouth	827	32517	61021	04245	32500	36718	83820		
Chivenor	707	31910	74028	02437	22501	35723	82825		
St. Mawgan	817	52010	74038	03339	12505	35723	81820	85075	
Culdrose	809	42419	78011	04843	484++	34718	83815		
Scilly	804	42118	82012	03045	42400	43730	84816		
Elmdon	534	21910	59041	01935	17430	33810	81715		
Shawbury	414	11709	82038	99934	14605	31814	81635		
Manchester	334	01816	62020	99034	00900	31814			
Squires Gate	318	51714	40041	97134	00902	31815	85070		
Valley	302	72326	66031	95742	724++	39726	87818		
Ronaldsway	204	82229	80021	94643	42517	33827	84820	83462	88270
Silloth									
Watnall	354	12410	50010	01133	15700	31805	81650		
Spurn Head	396	11913	58030	01436	10940	33400	81358		
Finningley	360	01806	58021	00334	00900	31808			
Dishforth	261	71808	25102	98333	00908	31709	87070		
Tynemouth	262	11915	48021	96636	10970	33805	81358		
Eskdalemuir									
Mull of Galloway	131	82530	80032	90642	855++	34833	88620		
Prestwick	135	81708	82031	91738	12577	33820	81825	86465	88275
Renfrew	141	11812	82028	92236	11503	31812	81825		
Leuchars	171	12310	66021	91935	15500	32602	81625		
Dyce	091	62210	74011	91636	1553+	31620	86360		
Wick	075	41910	86011	88536	40930	32205	84362		
Cape Wrath	049	52313	83802	84537	535++	37205	85920		
Sule Skerry	010	52024	81028	85142	534++	37212	85915		
Lerwick	005	32017	82021	86439	32400	33210	83815		
Stornoway	026	22009	80278	84737	29500	33804	82920		
Benbecula	022	71617	66258	83539	794++	37819	85918	87633	
Tiree	100	81732	74038	85042	3542+	38731	83618	88459	
Aldergrove	917	81622	66021	90036	3552+	30737	83620	88458	
Malin Head	980	81827	66608	85138	864++	34748	86715	88645	
Belmullet	976	32410	74018	84738	33400	34515	83919		
Birr	965	82115	58656	90037	6742+	35752	86715	88460	
Collinstown	969	81712	74031	91940	5552+	30749	85627	88458	
Rineanna	962	82419	61638	89739	874++	37736	82712	84716	88719
Roches Point	952	82240	62636	90942	873++	40769	88708		
Valentia	953	82408	59888	90043	895++	40632	88921		

OBSERVATIONS at 06h. 28 December 1960

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775	31808	70021	00136	156+1	33730	81635	83099	
London Airport	772	31508	68010	99734	10942	33725	81358	83070	
Gatwick	776	32012	66258	00938	38500	36738	81820		
Thorney Island	871	72015	61808	00345	725++	39736	87822		
Hurn	862	82018	62258	98444	885++	39744	85820	88640	
Guernsey	894	82022	82020	01144	8097+	39848	88359		
Felixstowe	697	02218	66020	01841	00900	36729			
Gorleston	497	01912	60020	02235	00900	34723			
Mildenhall	578	01913	58020	99835	00900	32730			
Cardington	559	21811	66030	98836	15632	32835	81640		
West Raynham	485	02015	48010	00032	00900	30723			
Wittering	462	81912	40031	98132	8097+	31730	81362	88465	
Boscombe Down	746	51710	56216	97939	35401	35747	83710	83630	
Ross-on-Wye	627	81516	17021	92940	8152+	33762	81625	88456	
Bristol	628	51608	66030	95138	40975	35856	84359	84270	
Aberporth	502	81917	66516	87941	5742+	39846	85714	88520	
Rhoose (Cardiff)	715	71923	74021	93145	2567+	37766	82640	86359	
Plymouth	827	81939	58618	92844	3742+	43776	83711	88534	
Chivenor	707	81830	48636	91141	8642+	39771	82707	88518	
St. Mawgan	817	82527	56616	90843	57423	43771	85710	88540	
Culdrose	809	82530	50216	92442	874++	42576	86710	88715	
Scilly	804	82830	58258	91243	68500	39747	86822		
Elmdon	534	61512	62031	95835	35730	33740	85362		
Shawbury	414	81310	74021	92336	6562+	33845	82615	86649	88460
Manchester	334	81522	62021	92337	8097+	31740	88458		
Squires Gate	318	81422	62012	89138	15617	33855	81630	87460	88270
Valley	302	82127	48636	86241	664++	41540	86710	88620	
Ronaldsway	204	82607	62637	86037	854++	36740	88611		
Silloth									
Watnall	354	71803	58031	95933	756++	32734	87634		
Spurn Head	396	52018	58031	97235	55500	32724	85625		
Finningley	360	51813	63031	95633	15330	32732	81708	85364	
Dishforth	261	81412	22102	93934	6732+	33833	86407	88635	
Tynemouth	262	82022	61021	92836	8092+	33732	88458		
Eskdalemuir	162	81613	66222	89434	4732+	32723	84706	88518	
Mull of Galloway	131	81816	82606	84740	874++	40309	88718		
Prestwick	135	81207	66217	85535	474++	34627	84713	88624	
Renfrew	141	81412	48698	85934	371++	33729	83702	86705	88708
Leuchars	171	81609	62606	88639	3557+	33728	83626	86650	88458
Dyce	091	81810	74021	90038	4577+	33717	81619	84650	88359
Wick	075	41714	83030	88239	15502	29807	81625	84070	
Cape Wrath	049	81413	82038	83736	865++	33714	88725		
Sule Skerry	010	81618	81032	85141	864++	36703	88715		
Lerwick	005	42019	82800	88940	43400	34210	81915		
Stornoway	026	81531	66608	81841	554++	36718	85618	88635	
Benbecula	022	11608	74258	79937	19400	35503	81918		
Tiree	100	72115	62266	81837	795++	37602	82712	86918	
Aldergrove	917	72313	62026	85436	363++	34507	83709	84712	86620
Malin Head	980	02114	74016	83435	00900	31704			
Belmullet	976	52416	69808	84140	535++	34301	85920		
Birr	965	12208	69016	87033	15600	32508	81632		
Collinstown	969	32710	74016	85734	33500	33623	83828		
Rineanna	962	12506	74258	87836	13500	33600	81920		
Roches Point	952	42912	80016	89138	45600	34502	84645		
Valentia	953	33017	74808	89940	39400	34206	83919		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Kew	775	97341	22	+	+
London Airport	772	97311	24	+	pr_o
Gatwick	776	96261	20	pr_o	pr_o
Thorney Island	871	02301	23	pr_o	pr_o
Hurn	862	01311	23	pr_o	pr_o
Guernsey	894	03392	33	pr_o	ir_orr
Felixstowe	697	97371	32	+	pr_o
Gorleston	497	97302	27	+	pH
Mildenhall	578	00343	26	+	+
Cardington	559	97331	26	+	ir_o
West Raynham	485	00313	28	+	+
Wittering	462	00303	24	+	+
Boscombe Down	746	95301	24	+	ir_o
Ross-on-Wye	627	05362	31	+	rr
Bristol	628	03352	25	+	$ir_or_or_o$
Aberporth	502	13351	31	ir_o	$ir_orrRRd_od_oprh$
Rhoose (Cardiff)	715	03382	36	+	rrr_or_o
Plymouth	827	04371	31	+	$pr_or_or_oRR$
Chivenor	707	07372	33	pr_o	ir_orr
St. Mawgan	817	09371	33	+	ir_oRRpr
Culdrose	809	06392	38	+	$rrpr_o$
Scilly	804	10422		ir	rrpriR
Elmdon	534	00321	30	+	+
Shawbury	414	95341	28	pr_os_o	$r_os_orrr_or_o$
Manchester	334	97401	30	+	ir_o
Squires Gate	318	97331	29	+	ir_o
Valley	302	14391	36	ir_o	r_or_orr
Ronaldsway	204	17361	34	ir_o	rsRR
Silloth					
Watnall	354	00321	26	+	+
Spurn Head	396	00340		+	+
Finningley	360	00323	27	+	+
Dishforth	261	00311	27	+	+
Tynemouth	262	00351	29	+	+
Eskdalemuir	162	04316	29	+	$sss_os_or_os_o$
Mull of Galloway	131	04352			
Prestwick	135	09341	32	ir	$r_or_orsRSr_or_o$
Renfrew	141	11331	30	pr_o	prhiRrs
Leuchars	171	93312	26	+	ir_o
Dyce	091	00320	28	+	+
Wick	075	97361	31	+	ir_o
Cape Wrath	049	01351	33	pr	+
Sule Skerry	010	95401	36		
Lerwick	005	97401	32	+	pr
Stornoway	026	95362	33	pr_oh_o	r_or_o
Benbecula	022	04341	32	$ph_opr_oir_o$	$ir_opHpr_oph_o$
Tiree	100	06361	33	$pr_oh_oir_or_or_o$	r_or_oprs
Aldergrove	917	02331	29	ir_orr	+
Malin Head	980	01341	31		
Belmullet	976	09351	31		
Birr	965	07333	30		
Collinstown	969	08326	30		
Rineanna	962	13341	30		
Roches Point	952	08351	31		
Valentia	953	18371	34		

Code FM 21.A

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	YQL_aL_a	L_oL_oGG	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_s$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_dP_wP_wH_w$
A	40620	32800	50235	75158	93039	59500	81224	+++++	+++++	05434	10249
B	40565	51000	42712	69020	01029	42500	00722	84825	+++++	05722	12733
C	40528	35500	72724	69028	12438	2243+	00008	82815	87358	05629	12659
D	40440	41000	72026	69028	18862	75500	00534	87625	+++++	00059	12036
I	40590	19000	22907	98010	72242	12500	00219	81825	+++++	05736	129+1
J	40534	20100	62939	98878	89742	63500	61226	86920	+++++	05839	17855
K	40451	16100	72644	65032	16554	756++	61715	87643	+++++	00048	17764
M	43655	02300	41932	70021	82645	38540	42223	81820	83630	05136	11938

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	YQL_aL_a	L_oL_oGG	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_s$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_dP_wP_wH_w$
A	40619	33006	30327	80771	94839	39500	00109	+++++	+++++	05632	10337
B	40565	51006	62705	69021	94431	62500	00739	86825	+++++	05525	12733
C	40528	35506	82608	63202	06535	8083+	00741	88357	+++++	05933	149+5
D	40410	41006	82524	69022	13963	855++	00719	88730	+++++	00260	00160
I	40590	19006	23318	98011	77946	22500	00230	82825	+++++	05438	13334
J	40531	19706	32940	98018	95944	33500	31237	83922	+++++	05637	17957
K	40451	16406	52933	65258	+++++	58400	61318	82820	85643	05048	10010
M	43650	02406	61828	70038	88145	69440	42224	85918	+++++	05237	11838

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H.M.S.O. Press, M.O. Dunstable.

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 36197

Date of Issue Thursday 29 December 1960

Code FM 11.A

OBSERVATIONS at 12h. 28 December 1960

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775	81914	57606	92643	7742+	39735	87710	88520	
London Airport	772	81618	58616	92543	7542+	39735	87617	88457	
Gatwick	776	81825	58608	93542	884++	39737	84815	88618	
Thorney Island	871	81922	58638	93042	3842+	40733	83714	86620	88525
Hurn	862	81811	62216	91643	6552+	37721	82712	86620	88458
Guernsey	894	82828	62816	95041	483++	39514	84706	86812	86640
Felixstowe	697	72017	61028	96842	35452	37731	83615	83358	87270
Gorleston	497	71828	60038	97942	5247+	39718	85818	87360	
Mildenhall	578	71620	64021	94541	2567+	36733	82640	85360	86465
Cardington	559	81514	63606	92342	4742+	39730	84712	88556	
West Raynham	485	71721	66027	94639	1647+	34727	81715	87359	
Wittering	462	81618	48682	92139	8672+	35725	81708	88550	
Boscombe Down	746	81810	64606	91339	6552+	37723	82615	86625	88458
Ross-on-Wye	627	82307	77606	89641	8042+	39205	88515		
Bristol	628	82512	48606	90441	673++	39606	87609	88625	
Aberporth	502	43018	83018	90641	32402	35220	83818		
Rhoose (Cardiff)	715	73112	69216	91340	4847+	37216	82815	83630	86460
Plymouth	827	73310	56218	93840	794++	38226	87918		
Chivenor	707	73016	81258	92143	6253+	36224	86822	86358	
St. Mawgan	817	53120	82158	93943	59400	33222	81915	84922	
Culdrose	809	62825	72808	94744	634++	34222	83914	83818	
Scilly	804	53023	81158	96045	58400	40245	84810	84625	
Elmdon	534	81714	40616	90238	2742+	37518	82710	88525	
Shawbury	414	72513	80607	88940	6552+	36303	86620	87557	
Manchester	334	81712	28636	88439	653++	37610	86706	88620	
Squires Gate	318	81913	40586	88138	4542+	37202	84718	87625	88556
Valley	302	53209	69016	89042	52501	38220	85820		
Ronaldsway	204	32709	82016	88141	22408	38214	82818		
Silloth									
Watnall	354	81811	50587	90039	7532+	37625	84708	86620	
Spurn Head	396	71625	59022	93241	755++	37722	87620		
Finningley	360	81520	58216	90238	855++	35726	88620		
Dishforth	261	81417	48618	89336	7722+	35725	87705	88530	
Tynemouth	262	81824	45616	90337	864++	37709	88715		
Eskdalemuir	162	82005	66037	87934	872++	34301	88703		
Mull of Galloway	131	62710	80012	86939	3448+	36215	83615	86359	
Prestwick	135	61806	26046	86538	22438	35208	82818	86275	
Renfrew	141	70000	20047	86338	35678	35202	83630	85640	86272
Leuchars	171	81811	58606	87238	4742+	35604	81712	84718	88535
Dyce	091	81823	48656	87937	7742+	37715	87710	88550	
Wick	075	81624	62616	88239	7542+	35706	87615	88458	
Cape Wrath	049	81413	83022	84938	45607	38215	84630	88270	
Sule Skerry	010	81430	81028	84542	864++	37400	88615		
Lerwick	005	71726	82038	91242	52432	32108	85815	83359	86070
Stornoway	026	71519	62808	83042	794++	33302	84916	84630	
Benbecula	022	61915	74278	81939	59403	36218	82712	84918	
Tiree	100	72316	66278	83240	33402	37210	81715	83922	87070
Aldergrove	917	11809	66011	87337	16400	32210	81715		
Malin Head	980	41916	82010	84537	43400	33108	82918	84645	
Belmullet	976	62314	69012	84445	635++	39204	84921	86640	
Birr	965	72109	80032	88635	45602	32005	84632	87073	
Collinstown	969	12409	80040	88736	18530	33218	81820		
Rineanna	962	82317	59636	89139	864++	37802	84610	86613	88617
Roches Point	952	82823	50696	92937	1742+	34221	81710	88530	
Valentia	953	83023	66809	93746	894++	39111	88919		

OBSERVATIONS at 18h. 28 December 1960

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775	83004	32056	94341	2577+	37316	82650	84399	88499
London Airport	772	82607	26206	94239	555++	39323	82617	85620	88623
Gatwick	776	83109	50026	94040	454++	37319	84712	88626	
Thorney Island	871	32903	62016	95438	10911	26233	81465	83075	
Hurn	862	12403	35046	96036	15700	33230	81650		
Guernsey	894	62918	80038	98343	624++	38120	86815		
Felixstowe	697	81924	60616	95539	374++	37301	83712	88615	
Gorleston	497	81629	60216	95941	854++	39602	88612		
Mildenhall	578	81612	62616	94339	5732+	37210	85709	87712	88550
Cardington	559	82205	56216	94039	6732+	38117	86708	88530	
West Raynham	485	81820	64636	94438	874++	36313	88710		
Wittering	462	81908	56637	93737	873++	37225	82705	88708	
Boscombe Down	746	12702	61016	95935	00901	33227	81070		
Ross-on-Wye	627	11902	82021	94437	15608	31223	81630		
Bristol	628	12605	40106	95236	15600	33221	81640		
Aberporth	502	72616	74028	94241	734++	38223	87914		
Rhoose (Cardiff)	715	52703	74258	95437	58500	35218	84620		
Plymouth	827	63116	56808	96744	634++	41215	83912	85636	
Chivenor	707	73020	63808	95544	324++	39221	83713	87820	
St. Mawgan	817	73027	66258	98345	794++	40326	83715	86925	
Culdrose	809	73135	50636	99244	472++	42123	84705	86709	87618
Scilly	804	63036	61258	99447	68400	40224	84810	84625	
Elmdon	534	72405	08046	94437	7097+	35226	87360		
Shawbury	414	12304	82016	93934	15700	33228	81650		
Manchester	334	42406	32056	93036	35640	34228	81615	83640	
Squires Gate	318	22607	56046	92239	18532	35227	81825		
Valley	302	42710	74020	92042	42500	37214	84825		
Ronaldsway	204	52414	80031	91642	52500	35222	85820		
Silloth									
Watnall	354	42806	17106	93337	45600	36227	84630		
Spurn Head	396	81824	58616	93741	864++	39224	88715		
Finningley	360	72407	23026	92738	4553+	37218	84625	87360	
Dishforth	261	82305	19106	92338	35537	37225	83620	86358	88270
Tynemouth	262	82007	16106	91740	8091+	38221	88458		
Eskdalemuir	162	70000	23102	92831	762++	31228	87703		
Mull of Galloway	131	72510	80611	90540	764++	35225	87715		
Prestwick	135	41208	58041	90233	18561	30129	81820	84070	
Renfrew	141	21503	15044	90533	25600	30226	82730		
Leuchars	171	62505	50046	89934	2563+	32224	82630	85362	
Dyce	091	71801	40046	89838	364++	36112	83719	87627	
Wick	075	61708	74016	89240	2563+	31219	82640	86360	
Cape Wrath	049	51402	83022	87438	25606	35222	82630	83270	
Sule Skerry	010	51809	84012	87142	38409	34220	83620	85170	
Lerwick	005	81532	74022	91943	4247+	37204	84815	88460	
Stornoway	026	61720	66808	86940	624++	35225	86818		
Benbecula	022	72208	69832	85740	794++	38227	83717	86631	
Tiree	100	51922	80018	86541	584++	38217	81818	85628	
Aldergrove	917	62210	66017	90635	664++	35229	81707	83712	85620
Malin Head	980	82710	66606	89341	864++	38143	86712	88645	
Belmullet	976	72923	58818	93941	69503	38247	86920	87070	
Birr	965	12505	74018	95038	13500	35248	81921		
Collinstown	969	22710	69258	92438	26400	34226	81716		
Rineanna	962	62819	69258	96943	694++	40248	81712	86917	
Roches Point	952	63035	66258	98544	694++	36240	86918		
Valentia	953	73120	59808	00747	795++	38233	87921		

OBSERVATIONS during DAY

Station	iii	RRT_xT_xE	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Kew	775	03441	000	$ir_or_or_orr$	r_or_o
London Airport	772	05431	000	$ir_oiRr_or_o$	id_o
Gatwick	776	06431	000	pr_orrdr	r_or_o
Thorney Island	871	04461	002	pr_oir_o	ir_orr
Hurn	862	03461		irrrph	ir_o
Guernsey	894	08462	005	rrphr	pr
Felixstowe	697	05432	005	irr_or_o	rrr_or_o
Gorleston	497	95432	004	pr_o	$ir_or_or_o$
Mildenhall	578	01421	000	$ir_or_or_o$	$r_or_oir_o$
Cardington	559	01431	000	ir_o	$r_or_oir_oid_o$
West Raynham	485	02401	002	+	rr
Wittering	462	02401	000	r_oe_orr	r_or_orr
Boscombe Down	746	12421	003	ir_orr	r_or_o
Ross-on-Wye	627	02411	008	ir_o	+
Bristol	628	02421	013	$rrir_o$	+
Aberporth	502	93441	026	pr_oh_o	pr_o
Rhoose (Cardiff)	715	02432	023	r_or_o	pr_opr
Plymouth	827	07461	017	prsRR	pr_opr
Chivenor	707	03461	011	$prpr_o$	pr_o
St. Mawgan	817	03471	021	$pr_opr_oh_opr$	$pRRpr_o$
Culdrose	809	06472	023	$pr_or_or_o$	$rrpr_o$
Scilly	804	07472	014	$irpr_o$	prhpr
Elmdon	534	04411	000	ir_orrid_of	ir_o
Shawbury	414	01403	002	$r_or_orrr_or_o$	+
Manchester	334	04402	000	r_or_orr	+
Squires Gate	318	03441	014	$rrr_or_oRRd_or_o$	+
Valley	302	97441	043	+	pr_o
Ronaldsway	204	01441	033	+	pr_opr
Silloth					
Watnall	354	03401	000	d_or_orr	$rrir_o$
Spurn Head	396	03422	000	ir_orr	r_or_o
Finningley	360	01401	000	$r_or_od_od_o$	rrr_or_o
Dishforth	261	02391	000	$r_os_orrid_o$	id_o
Tynemouth	262	04401	000	rr	r_or_off
Eskdalemuir	162	01356	000	ssr_os_o	ff
Mull of Galloway	131	01422			
Prestwick	135	97411	029	+	ir_o
Renfrew	141	00383	002	ir_oif	if
Leuchars	171	94393	001	r_or_o	+
Dyce	091	06411	000	$r_or_orrRRd_od_o$	d_od_o
Wick	075	01421	000	$ir_or_or_o$	+
Cape Wrath	049	00401	000	+	+
Sule Skerry	010	00430	000		
Lerwick	005	91442	000	+	pr_opr
Stornoway	026	04422	000	pr_oprs	pr_opr
Benbecula	022	03421	011	ph_oph	pr_os_oprs
Tiree	100	04421	005	pr_oh_o	$phpr_o$
Aldergrove	917	02382	042	+	$ir_ois_opr_o$
Malin Head	980	0145	024		
Belmullet	976	0147	033		
Birr	965	9742	012		
Collinstown	969	9640	046		
Rineanna	962	0847	002		
Roches Point	952	0645	012		
Valentia	953	0548	003		

Code FM 21.A

OCEAN WEATHER STATION REPORTS at 12h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_s$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
A	40619	33212	30422	80158	96739	39500	05209	+++++	+++++	05430	10437
B	40565	51012	80526	63268	85830	3252+	00744	83825	88457	05624	1494+3
C	40528	35512	81122	56617	93746	8032+	00752	88506	+++++	00245	11124
D	40440	41012	82327	69021	11963	864++	00502	88715	+++++	00260	12237
I	40589	18712	42920	98151	84846	49500	00125	84920	+++++	05336	12948
J	40528	19012	53038	97278	02346	48563	31225	82920	83825	05636	17048
K	40451	16512	23036	65018	23254	28500	23228	81820	+++++	05143	18066
M	43645	02812	61722	70162	93645	69460	42228	84915	+++++	05339	11839

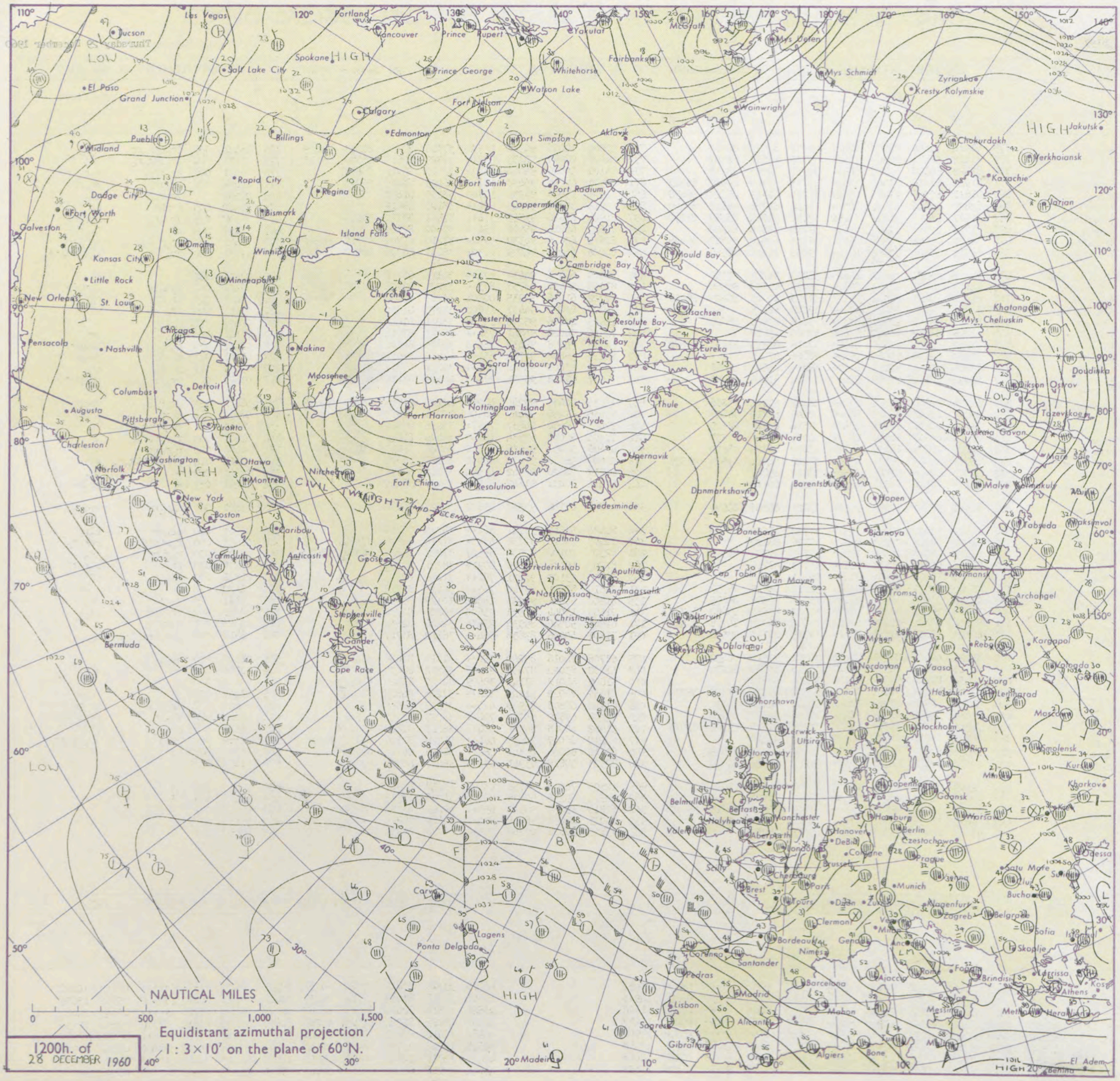
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_s$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
A	40619	33318	40412	80020	94937	38561	00609	+++++	+++++	05632	10422
B	40565	51018	83433	37717	80033	5742+	00617	85810	88520	05331	13636
C	40528	35518	72020	65216	86447	56370	00746	85708	++++	00345	12024
D	40440	41018	82724	67026	10260	3147+	00212	83812	83356	05255	12336
I	40588	18418	63021	97818	89644	59433	00332	85918	+++++	05534	12947
J	40528	18518	82722	98032	04146	4257+	00108	84820	88460	05640	17946
K	40449	15918	12825	65011	25254	11501	61315	81830	+++++	05250	12834
M	43641	02918	61724	60258	98845	69400	43223	85915	+++++	05337	11837

All times of observation printed in this publication are GREENWICH MEAN TIME.

SIR GRAHAM SUTTON, C.B.E., D.Sc., F.R.S., Director General. Meteorological Office, Air Ministry, Kingsway, London, W.C.2

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



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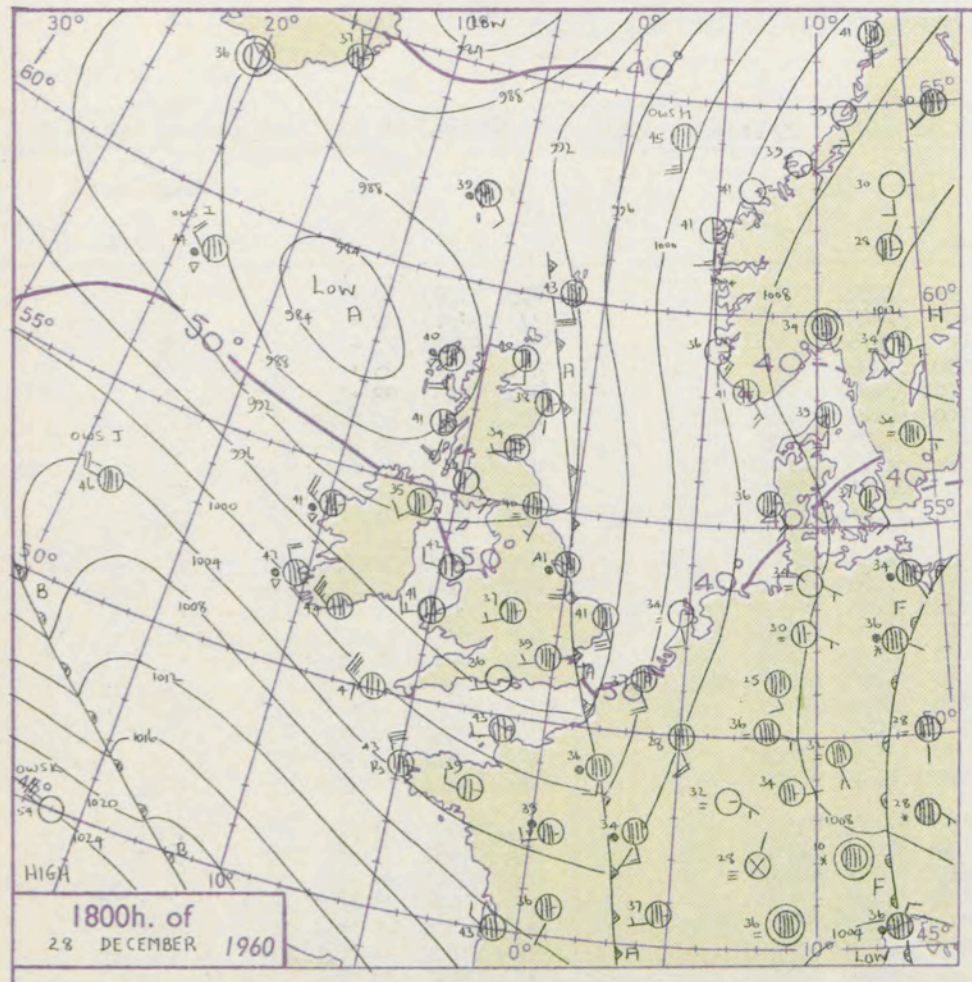

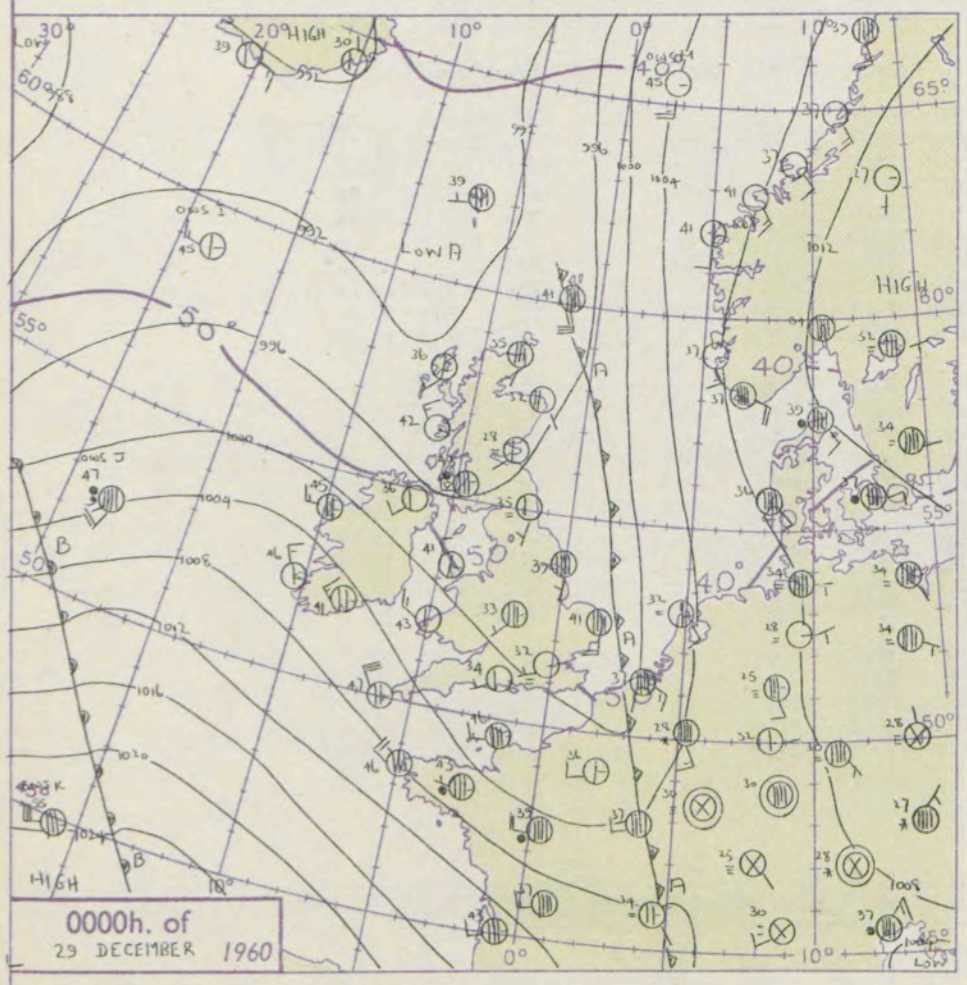

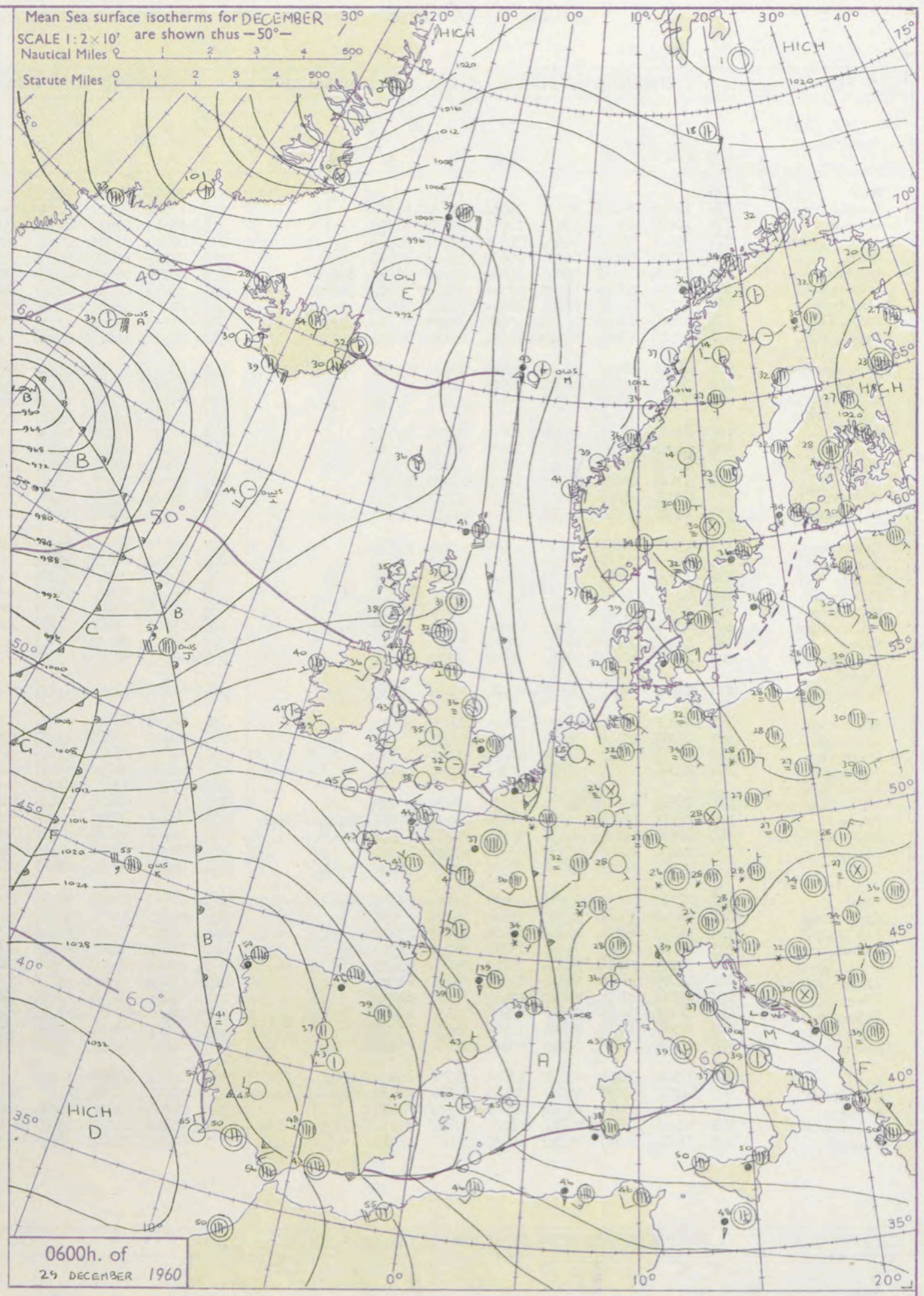

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Thursday 29 December 1960

The complex depression between Scotland and Ireland has filled considerably, and will disappear as a deep depression southeast of Greenland moved quickly east. A weak ridge is crossing the British Isles, and this will give way as a frontal system moves in during the night. Pressure will remain low over the north Mediterranean and the Balkans, and the anticyclone near the Azores will probably drift east towards Spain.

FORECAST for Great Britain and Northern Ireland until noon tomorrow

Most eastern districts will be bright this afternoon with frost this evening, but cloudy weather followed by rain or drizzle will spread from the west later in the night. Western districts will be showery at first, but a belt of rain will move across during the night. It will become bright and showery again tomorrow morning in the west and northwest. Temperatures will mostly be near average.

OUTLOOK for the following 24 hours:-

Becoming showery with bright periods and near average temperatures in all areas.

Code FM 11.A

OBSERVATIONS at 00h. 29 December 1960

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775			35					
London Airport	772	12603	30101	99832	10940	31230	81358		
Gatwick	776	10000	61021	99831	10931	30227	81358		
Thorney Island	871	33001	32020	00533	30930	32223	83360		
Hurn	862	22505	64010	00334	25630	33118	82630		
Guernsey	894	63025	74258	03046	694++	42226	84815	84920	
Felixstowe	697	80000	58616	98538	573++	37213	85709	88629	
Gorleston	497	81822	58028	99241	854++	39213	88612		
Mildenhall	578	72904	23106	98638	45408	37221	84616	87270	
Cardington	559	42504	48025	99329	20921	28226	82462	84075	
West Raynham	485	81908	58616	98736	6547+	36220	82705	86614	88358
Wittering	462	22908	09416	99031	00901	30226	82072		
Boscombe Down	746	72605	62021	00734	756++	33221	87639		
Ross-on-Wye									
Bristol	628	72605	58022	00439	756++	37121	87640		
Aberporth	502	23015	80018	01243	22500	37239	82820		
Rhoose (Cardiff)	715	53207	74018	01440	58500	38334	83820	85640	
Plymouth	827	33110	61258	03245	39400	41230	83918		
Chivenor	707	63020	74808	02345	52530	40237	85820		
St. Mawgan	817	73025	62258	04745	735++	41127	84922	86628	
Culdrose	809	43025	69808	05645	49400	41226	83914		
Scilly	804	53131	61258	06147	58400	43228	85810		
Elmdon	534	72303	23044	99633	7097+	31223	87358		
Shawbury	414	42507	56018	00531	48500	30336	81820	84645	
Manchester	334	72108	56268	98134	755++	32226	87623		
Squires Gate	318	63104	59038	97641	68500	38228	81822	86633	
Valley	302	33110	74018	98041	32500	38234	83820		
Ronaldsway	204	22716	82028	97844	18502	32933	81820		
Silloth									
Watnall	354	10000	07444	98931	00902	30228	81080		
Spurn Head	396	81905	48026	97739	864++	38222	88715		
Finningley	360	02102	05464	98631	00900	30228			
Dishforth	261	01903	F8461	98030	00900	30227			
Tynemouth	262	22006	16104	97235	00909	34228	82175		
Eskdalemuir									
Mull of Galloway	131	72716	80818	96841	794++	39233	87918		
Prestwick	135	72511	58808	94543	7847+	39225	82815	84822	86641
Renfrew	141	70606	14604	94636	354++	33223	83613	86616	
Leuchars	171	22201	19101	95128	10931	27225	81360		
Dyce	091	41401	66012	95732	15608	29227	81630	84270	
Wick	075	61905	80012	93935	10938	29223	81362	86270	
Cape Wrath	049	31402	83011	92640	32600	35230	83830		
Sule Skerry	010	31802	85020	90742	38500	37213	83620		
Lerwick	005	81630	66258	94541	7347+	40211	83910	85618	
Stornoway	026	32105	74018	92236	35700	35224	83650		
Benbecula	022	12405	86028	92735	19500	35231	81920		
Tiree	100	13114	80018	93542	18400	37245	81818		
Aldergrove	917	22212	74038	97536	23500	34237	82920		
Malin Head	980	32915	80258	96044	32500	35237	83823		
Belmullet	976	52716	74028	01045	535++	37232	85920		
Birr	965	72505	74258	02539	735++	36236	84921	87630	
Collinstown	969	62812	74031	00237	3563+	34234	83630	86360	
Rineanna	962	12509	80018	04040	19500	37230	81920		
Roches Point	952	52913	74038	05241	59400	37232	83918	85635	
Valentia	953	33114	74018	06646	39500	33222	83923		

OBSERVATIONS at 06h. 29 December 1960

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775	72603	56022	04435	756++	32232	87635		
London Airport	772	12904	33101	04332	15600	32225	81640		
Gatwick	776	10000	61010	04631	15600	30226	81640		
Thorney Island	871	02704	48021	05634	00900	33225			
Hurn	862	03009	66020	05738	00900	35222			
Guernsey	894	43118	78258	08045	42400	42221	84816		
Felixstowe	697	83612	40026	01937	862++	36225	88705		
Gorleston	497	80303	60606	02140	854++	39213	88614		
Mildenhall	578	33003	19101	03932	3093+	32225	83360		
Cardington	559	42906	58022	04332	45600	31228	84632		
West Raynham	485	83205	58026	03636	855++	34223	88620		
Wittering	462	73306	13104	04134	756++	31228	87632		
Boscombe Down	746	03001	58021	06433	00900	32229			
Ross-on-Wye	627	12503	82021	05437	15500	34320	81625		
Bristol	628	02707	60020	06138	00900	36224			
Aberporth	502	12917	80010	06543	18400	38225	81818		
Rhoose (Cardiff)	715	23107	62021	06837	25600	36223	82635		
Plymouth	827	02909	66020	08044	00900	39219			
Chivenor	707	33117	81018	07345	32500	41219	83828		
St. Mawgan	817	13114	74018	09145	12500	38116	81822		
Culdrose	809	23212	80258	09342	23400	37113	82915		
Scilly	804	13119	82018	09745	12400	38213	81818		
Elmdon	534	22405	40041	04935	20940	33224	82358		
Shawbury	414	32608	82030	05034	35600	32227	83640		
Manchester	334	82208	32028	03537	463++	34223	84706	86708	88622
Squires Gate	318	23008	69018	02743	28500	40225	81820		
Valley	302	23113	74020	04543	25600	39222	82640		
Ronaldsway	204	12811	82020	03543	18400	37228	81818		
Silloth									
Watnall	354	82802	19101	04234	856++	33228	88630		
Spurn Head	396	00000	08444	02836	00900	36221			
Finningley	360	80000	13104	03932	856++	32233	88633		
Dishforth	261	91206	F5474	03329	9+0++	29223			
Tynemouth	262	42604	48030	02033	40970	30226	84358		
Eskdalemuir	162	90201	02457	02033	9+0++	33226			
Mull of Galloway	131	42715	80020	02142	25440	37230	82618	83360	
Prestwick	135	52408	70018	00842	58500	37230	81820	85640	
Renfrew	141	20000	24108	00429	25600	29224	82640		
Leuchars	171	70000	40028	99632	785++	31223	82825	87650	
Dyce	091	50000	58041	00631	556++	29221	85635		
Wick	075	11510	82021	99137	15502	31222	81625		
Cape Wrath	049	22305	83020	96838	25600	35221	82630		
Sule Skerry	010	32005	85120	96243	35500	36221	83625		
Lerwick	005	81728	59638	99141	474++	39221	84710	88530	
Stornoway	026	12008	74020	97335	15600	34221	81630		
Benbecula	022	12408	85020	98142	12500	38225	81825		
Tiree	100	10000	80258	99438	19400	36227	81918		
Aldergrove	917	12110	62010	03436	15500	35227	81620		
Malin Head	980	12712	80028	01443	12500	38222	81823		
Belmullet	976	62304	74028	03840	635++	36105	86920		
Birr	965	12303	66028	06135	13500	33209	81921		
Collinstown	969	02610	74028	05335	00900	32219			
Rineanna	962	21905	80018	06839	22500	36206	82820		
Roches Point	952	13203	80020	08439	15600	35208	81635		
Valentia	953	22003	74018	07440	22500	34803	82826		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Kew	775	91303	18	+	+
London Airport	772	97301	22	+	+
Gatwick	776	97273	22	+	ir_o
Thorney Island	871	00321	25	+	+
Hurn	862	00293	22	+	+
Guernsey	894	03421	39	pr_opr	$prpr_o$
Felixstowe	697	06362	34	r_or_o	r_or_o
Gorleston	497	02362	36	$r_or_opr_oir_o$	$ir_or_or_oir_o$
Mildenhall	578	91293	22	ir_o	ff
Cardington	559	97271	21	+	pr_o
West Raynham	485	01351	30	r_or_o	if
Wittering	462	00291	25	if	+
Boscombe Down	746	97323	24	+	+
Ross-on-Wye	627	00341	23	+	+
Bristol	628	00343	24	+	+
Aberporth	502	00421	38	+	+
Rhoose (Cardiff)	715	00371	30	+	+
Plymouth	827	97411	30	pr_o	+
Chivenor	707	03431	38	pr_o	+
St. Mawgan	817	92431	40	pr_o	pr_o
Culdrose	809	02381	31	pr_o	pr_o
Scilly	804	92431		pr_o	+
Elmdon	534	00303	24	+	ff
Shawbury	414	97278	18	pr_os_o	+
Manchester	334	02332	28	$pr_os_opr_o$	pr_oir_o
Squires Gate	318	01341	31	pr_opRprh	pr_o
Valley	302	00411	32	+	+
Ronaldsway	204	97411	36	pr_o	+
Silloth					
Watnall	354	00301	17	f	f
Spurn Head	396	94340		r_or_oif	ff
Finningley	360	00293	24	ff	ff
Dishforth	261	00273	25	FF	FF
Tynemouth	262	00321	25	ff	+
Eskdalemuir	162	92266	25	is_off	FF
Mull of Galloway	131	01372			
Prestwick	135	01351	34	$r_or_opr_o$	pr_o
Renfrew	141	97293	24	$fir_or_or_o$	pr_os_of
Leuchars	171	97283	21	+	pr_o
Dyce	091	00271	19	+	+
Wick	075	00331	23	+	+
Cape Wrath	049	97361	29	+	pr_o
Sule Skerry	010	00400	30		
Lerwick	005	13382	32	$pr_oprprspR$	RRr_or_o
Stornoway	026	96332	30	pr_o	+
Benbecula	022	00331	24	+	+
Tiree	100	01371	29	$pRpr_o$	pr_o
Aldergrove	917	00333	31	+	+
Malin Head	980	01421	38		
Belmullet	976	01371	30		
Birr	965	01323	30		
Collinstown	969	97343	30		
Rineanna	962	04371	33		
Roches Point	952	02361	30		
Valentia	953	93381	33		

Code FM 21.A

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
A	50620	32900	40628	75158	90939	49500	11728	+++++	+++++	05534	10646
B	50565	51000	63627	63227	85735	65500	00247	86620	+++++	05124	13636
C	50528	35600	42337	69022	87538	42400	00020	84815	+++++	05632	12359
D	50440	41000	73228	69022	18549	72500	00233	87825	+++++	06439	13136
I	50589	18200	32717	98018	93445	32500	00210	83820	+++++	05436	12734
J	50527	18400	81920	96586	02947	6632+	00808	86708	88550	05447	17942
K	50449	15700	72531	60011	24055	75700	61720	87656	+++++	00352	12536
M	53655	02200	11824	80021	04245	11600	84223	+++++	+++++	05139	11845

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
A	50620	33006	30641	80268	81539	39500	21743	+++++	+++++	05532	10638
B	50565	51006	83420	63712	88034	874++	00207	88710	+++++	05229	13636
C	50528	35506	52554	59268	89038	52400	00222	85815	+++++	05634	17351
D	50440	41006	82927	69268	22545	825++	00120	88820	+++++	06728	13036
I	50589	18006	11820	98011	91044	12500	00822	81820	+++++	05534	11834
J	50529	18606	82429	95516	95253	862++	00738	88705	+++++	00252	179+0
K	50450	16006	82632	56515	22755	863++	61705	88707	+++++	00354	12548
M	53660	02006	31917	76808	06743	39400	00210	+++++	+++++	05339	11944

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H.M.S.O. Press, M.O. Dunstable.

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 36198

Date of Issue Friday 30 December 1960

Code FM 11.A — OBSERVATIONS at 12h. 29 December 1960

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_ssCh_sh_s$	$8N_ssCh_sh_s$	$8N_ssCh_sh_s$
Kew	775	62704	11284	09841	25644	36115	82640	83099	
London Airport	772	12704	31051	09841	15700	36220	81650		
Gatwick	776	13106	59046	09441	15600	37016	81645		
Thorney Island	871	12904	59020	10741	15601	38120	81640		
Hurn	862	13007	59020	11144	10941	39121	81366		
Guernsey	894	53210	80031	12948	32552	40219	83820		
Felixstowe	697	23612	21011	08839	25500	37130	82623		
Gorleston	497	73306	40026	08941	755++	39229	87622		
Mildenhall	578	00000	07444	09235	00900	32119			
Cardington	559	00000	28108	09640	00900	35217			
West Raynham	485	20105	01464	09037	25600	36122	82635		
Wittering	462	00000	37011	09341	00900	38119			
Boscombe Down	746	13002	56050	11041	10939	38221	81360		
Ross-on-Wye	627	12302	77020	09945	15601	38114	81640		
Bristol	628	22509	32040	10844	00902	39018	82072		
Aberporth	502	62207	66031	09943	28532	39211	81820	85360	
Rhoose (Cardiff)	715	52906	61041	11045	15531	40217	81825	84362	
Plymouth	827	70000	33041	12345	1573+	41215	81650	87358	
Chivenor	707	72705	80021	11346	13338	43114	81620	86358	87275
St. Mawgan	817	72007	66021	12147	60932	41211	86362	84075	
Culdrose	809	70000	56051	12446	4547+	41211	81718	84640	
Scilly	804	82105	61606	11947	1542+	39003	81618	88556	
Elmdon	534	52605	04044	10240	55500	37120	85625		
Shawbury	414	12406	66021	09543	11530	36117	81820		
Manchester	334	71907	13108	08640	5846+	39118	81708	84818	
Squires Gate	318	42003	15041	08046	48400	42120	82818		
Valley	302	42706	74030	08347	15539	41113	81622	83172	
Ronaldsway	204	32509	82030	07347	11431	41012	81818		
Silloth									
Watnall	354	62602	06044	09339	65700	36220	82650	86656	
Spurn Head	396	40000	16030	08338	45500	37221	84620		
Finningley	360	00000	08464	08840	00900	37118			
Dishforth	261	01201	F5484	08628	00900	28118			
Tynemouth	262	72006	08444	07236	7097+	34215	87358		
Eskdalemuir	162	92101	01454	07834	9+0++	34119			
Mull of Galloway	131	32310	82030	05945	32400	40108	83815		
Prestwick	135	41909	56048	05344	48500	40114	82825	83640	
Renfrew	141	50000	03448	05139	38531	37114	81820	83635	
Leuchars	171	10000	28041	04736	15600	33117	81640		
Dyce	091	12501	58041	04936	15600	32114	81630		
Wick	075	11810	89020	03337	12500	30211	81820		
Cape Wrath	049	62305	83038	01340	535++	40210	86925		
Sule Skerry	010	32009	85028	01144	35500	39229	83625		
Lerwick	005	71623	74036	03642	58472	39116	85812	86359	
Stornoway	026	21910	86030	01139	22500	37112	82825		
Benbecula	022	21611	86020	00340	12505	39001	81822		
Tiree	100	42009	83038	02245	29535	41103	81920		
Aldergrove	917	51808	66031	06236	45671	34006	84645	85460	
Malin Head	980	72111	82032	03941	557+2	37003	85650	87070	
Belmullet	976	81414	66616	01042	6542+	39827	82719	86650	88459
Birr	965	81409	80021	06538	856++	35809	88635		
Collinstown	969	72305	40041	07540	2577+	35803	82650	87459	
Rineanna	962	81411	62616	05241	4562+	39720	84620	88458	
Roches Point	952	81917	62616	07246	3742+	42816	83710	88540	
Valentia	953	81718	56588	03747	864++	39732	88714		

OBSERVATIONS at 18h. 29 December 1960

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_ssCh_sh_s$	$8N_ssCh_sh_s$	$8N_ssCh_sh_s$
Kew	775	22102	08464	12738	20940	36205	82399		
London Airport	772	31603	20101	12337	10931	36208	81362	83075	
Gatwick	776	40000	17111	12931	40931	30117	83360		
Thorney Island	871	70000	28111	12938	757++	37305	87650		
Hurn	862	70000	20041	12141	3577+	38022	83650	87360	
Guernsey	894	81907	70022	13646	8097+	39804	88458		
Felixstowe	697	93208	F4454	13135	9+0++	35221			
Gorleston	497	81508	58022	12142	856++	39219	88631		
Mildenhall	578	01705	14104	12133	00900	32211			
Cardington	559	42002	11120	12031	20932	31111	82360	84070	
West Raynham	485	00000	F9444	12529	00900	29215			
Wittering	462	10000	F9461	11533	10930	33208	81362		
Boscombe Down	746	71805	40101	12437	7093+	36102	87362		
Ross-on-Wye	627	71905	48022	10541	7097+	37400	87358		
Bristol	628	81807	19042	11543	6567+	39000	86635	88458	
Aberporth	502	81614	63602	07343	555++	40721	85625	88650	
Rhoose (Cardiff)	715	81806	62022	10744	1562+	42706	81640	88460	
Plymouth	827	81815	48616	10946	2552+	44712	82620	88556	
Chivenor	707	81209	58622	10044	555++	42709	85623	88630	
St. Mawgan	817	81516	40636	09544	4712+	44719	84702	87704	88510
Culdrose	809	81916	37616	10246	572++	45717	85705	88625	
Scilly	804	82211	32636	08550	861++	50720	88702		
Elmdon	534	61706	23041	11238	60930	36400	86358		
Shawbury	414	71505	50041	09838	7093+	35705	87358		
Manchester	334	61408	28041	09440	6093+	37702	86360		
Squires Gate	318	71411	26041	08240	2577+	37805	82650	87358	
Valley	302	81922	63601	06145	3742+	41820	86650	88459	
Ronaldsway	204	81722	74031	05945	3647+	39713	83716	88459	
Silloth									
Watnall	354	50000	05444	11035	5093+	34104	85360		
Spurn Head	396	21706	48020	11040	24500	38210	82620		
Finningley	360	21702	02464	10632	00901	32103	82075		
Dishforth	261	50000	02484	09930	00906	30001	85075		
Tynemouth	262	02706	08444	08836	00900	33105			
Eskdalemuir	162	71805	56285	07935	754++	35802	87614		
Mull of Galloway	131	81821	80032	03245	864++	43718	88715		
Prestwick	135	81412	69031	04241	25677	37710	82645	85355	87362
Renfrew	141	81406	28048	04739	60937	36809	86360	88270	
Leuchars	171	52108	58041	05937	35731	35801	81625	83656	
Dyce	091	71907	32041	06136	756++	33001	87635		
Wick	075	81512	86031	03442	11507	32709	81820	88270	
Cape Wrath	049	81802	83022	99539	35607	34711	83630	88270	
Sule Skerry	010	51413	85031	00343	555++	38710	85625		
Lerwick	005	61825	69018	04342	694++	40002	83912	83630	
Stornoway	026	71624	80028	98145	2557+	39722	82622	83358	87462
Benbecula	022	81627	74022	95544	354++	40836	83618	88627	
Tiree	100	81735	66038	97345	25517	38738	82620	85458	88270
Aldergrove	917	81616	59602	01842	3567+	37727	83640	88459	
Malin Head	980	71724	74216	96540	7567+	37749	87630		
Belmullet	976	81819	62616	94048	864++	48728	88712		
Birr	965	71613	61606	00445	774++	43630	84712	87630	
Collinstown	969	81516	64206	02343	864++	39736	85712	88630	
Rineanna	962	81711	48586	99747	873++	46616	82706	85710	88715
Roches Point	952	82310	59506	01950	871++	50620	88702		
Valentia	953	82312	40586	01252	863++	52501	88706		

OBSERVATIONS during DAY

Station	iii	$R_RT_xT_xE$	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Kew	775	97443	041	if	ffFF
London Airport	772	00441	046	+	f
Gatwick	776	00432	051	+	FF
Thorney Island	871	00451	055	+	+
Hurn	862	00461		+	+
Guernsey	894	01481	055	+	$ir_or_or_o$
Felixstowe	697	97421	035	+	F
Gorleston	497	00422	000	+	+
Mildenhall	578	00383	028	ff	+
Cardington	559	97433	040	pr_o	+
West Raynham	485	00383	000	FF	FFff
Wittering	462	00433	044	+	Ff
Boscombe Down	746	00441	040	+	+
Ross-on-Wye	627	97471	046	+	id_o
Bristol	628	91441	046	+	ir_o
Aberporth	502	01451	020	+	$ir_or_or_oir_o$
Rhoose (Cardiff)	715	02454	029	+	r_or_o
Plymouth	827	06471	009	+	$ir_or_or_oRRrr$
Chivenor	707	04492	011	+	$ir_orrirrr$
St. Mawgan	817	09472	007	ir_o	rr
Culdrose	809	11472	001	$ir_or_or_o$	r_or_o
Scilly	804	10512	000	$ir_or_or_o$	d_or_orr
Elmdon	534	00421	003	f	+
Shawbury	414	00451	039	+	+
Manchester	334	01421	005	pr_o	+
Squires Gate	318	00471	028	+	+
Valley	302	95471	032	+	$ir_or_or_o$
Ronaldsway	204	01471	027	+	r_or_o
Silloth					
Watnall	354	00421	018	ff	ff
Spurn Head	396	00430	035	+	+
Finningley	360	00433	030	ff	ffFF
Dishforth	261	00321	000	FF	FFffFF
Tynemouth	262	00411	009	ff	ff
Eskdalemuir	162	97366	000	FF	id_oFFff
Mull of Galloway	131	95462			
Prestwick	135	01451	010	pr_o	r_or_o
Renfrew	141	94421	015	$fpr_os_opr_o$	ir_o
Leuchars	171	00393	027	+	+
Dyce	091	00403	045	+	+
Wick	075	00421	046	+	+
Cape Wrath	049	00421		pr_o	+
Sule Skerry	010	97451			
Lerwick	005	02432	001	pr_o	$pr_opr_oh_o$
Stornoway	026	01452	015	pr_o	ir_orr
Benbecula	022	06442	030	jp	irrrRR
Tiree	100	04461	030	pr_o	r_or_oRR
Aldergrove	917	01451	011	+	$ir_or_or_o$
Malin Head	980	9543	007		
Belmullet	976	0151	000		
Birr	965	9547	001		
Collinstown	969	0245	011		
Rineanna	962	0350	000		
Roches Point	952	0651	000		
Valentia	953	1253	000		

Code FM 21.A — OCEAN WEATHER STATION REPORTS at 12h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_sa$pp	$8N_ssCh_sh_s$	$8N_ssCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
A	50620	32312	80543	70878	72541	894++	22745	+++++	+++++	05336	10549
B	50565	51012	82735	63227	94531	8744+	00236	88712	+++++	05527	17651
C	50528	35512	82560	18852	92935	824++	00225	88810	+++++	05932	17466
D	50440	41012	73220	69218	28045	72500	00224	87734	+++++	06634	13248
I	50590	18212	81535	96586	77545	4742+	00775	84712	88525	05444	11538
J	50530	18312	82422	95516	93460	864++	00712	88712	+++++	05250	12448
K	50448	16212	82430	57022	22555	863++	14701	85809	+++++	00354	12558
M	53660	02012	81728	74022	08646	885++	00202	+++++	+++++	00037	11756

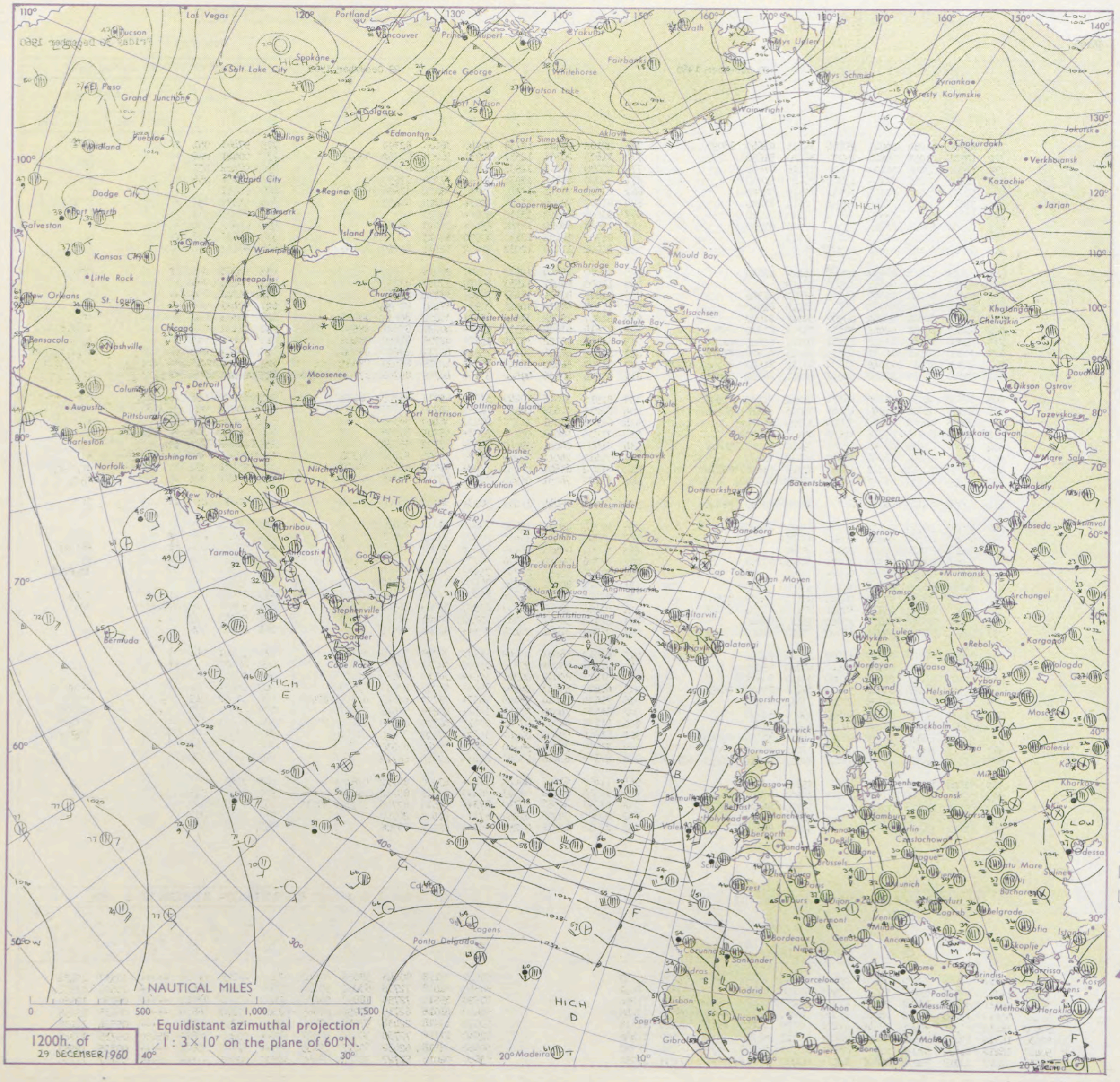
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_sa$pp	$8N_ssCh_sh_s$	$8N_ssCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
A	50621	31118	80443	58636	66541	6732+	22623	+++++	+++++	05337	15432
B	50565	51018	72738	63022	99230	75400	00211	87615	+++++	05624	17651
C	50528	35518	72755	18858	98435	72400	00236	87810	+++++	05930	17569
D	50440	41018	62715	69252	29445	62500	00210	86830	+++++	06635	13258
I	50591	17918	22434	97018	79744	224++	00205	82818	+++++	05534	12438
J	50530	17718	72730	98032	95847	785++	00208	86820	85650	05735	17844
K	50450	15518	62432	60022	19155	655++	62708	86621	+++++	00355	12558
M	53660	02018	51727	76022	09445	38500	00805	+++++	+++++	05137	11756

All times of observation printed in this publication are GREENWICH MEAN TIME.

SIR GRAHAM SUTTON, C.B.E., D.Sc., F.R.S., Director General. Meteorological Office, Air Ministry, Kingsway, London, W.C.2

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WEST EUROPE

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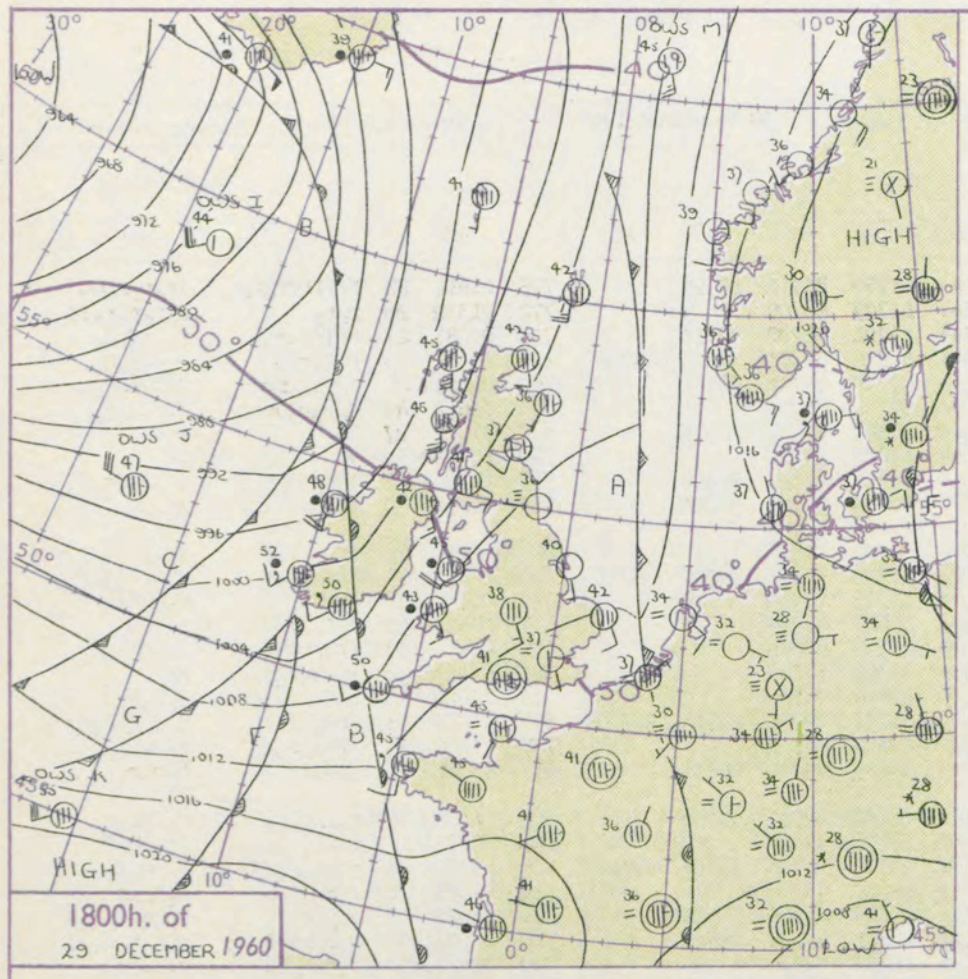

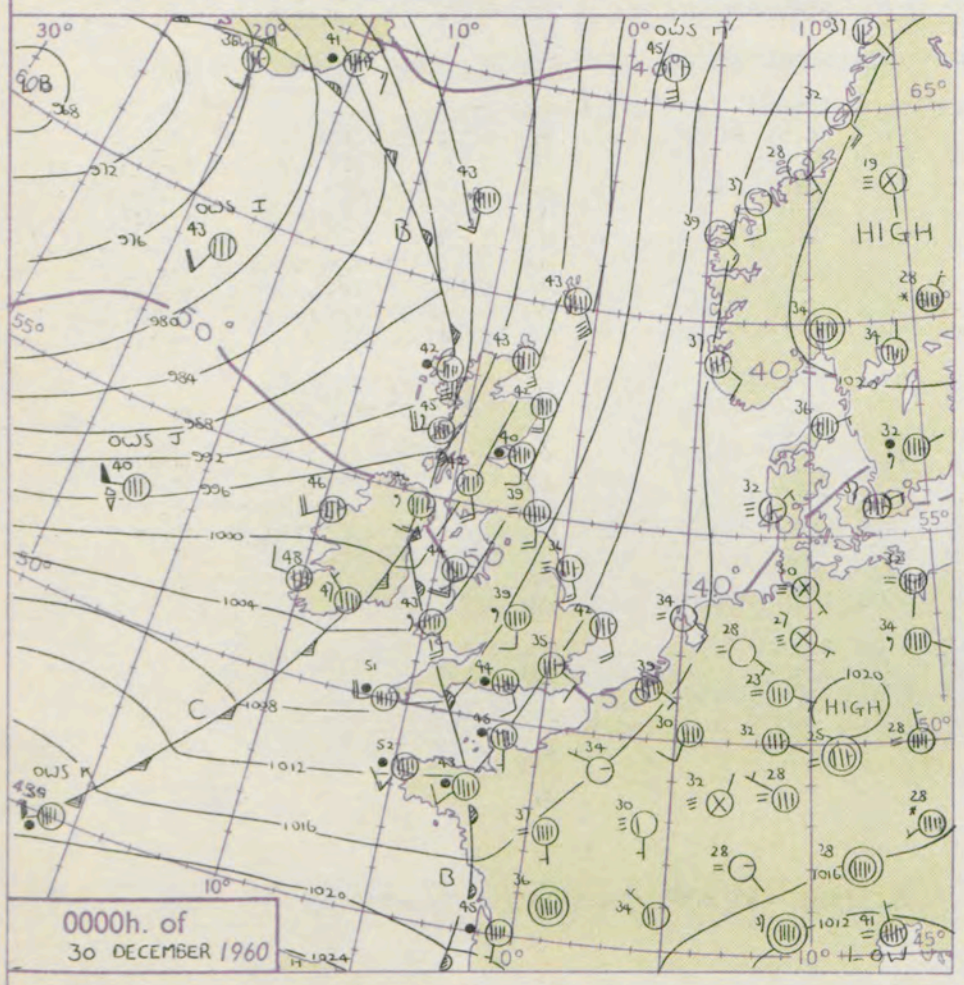

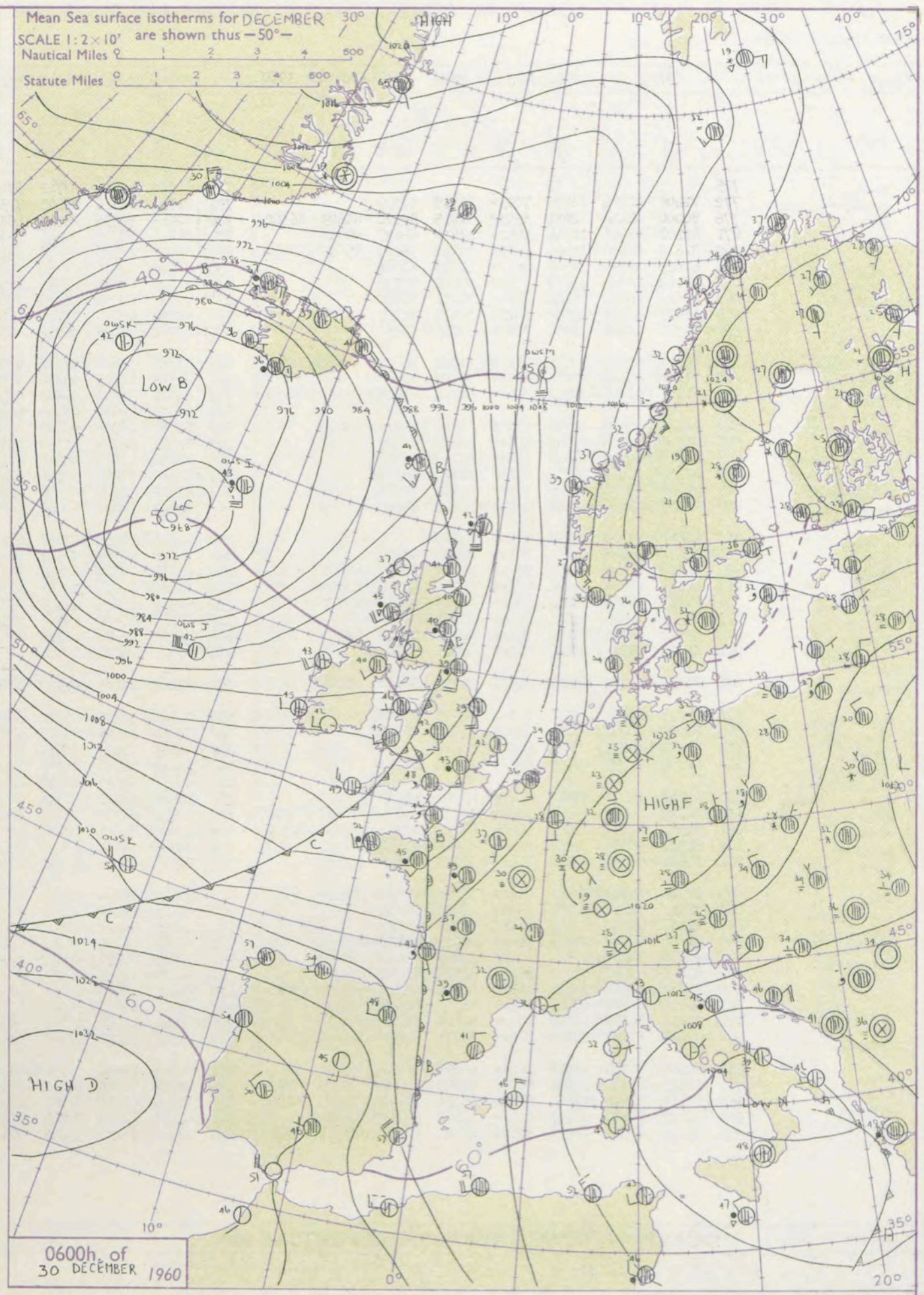

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Friday 30 December 1960

A deep depression moved from south of Greenland to south of Iceland with a secondary forming in mid-Atlantic. This will move northeast and absorb the old centre whilst a trough approaches the British Isles. The occlusion over England this morning will continue eastwards, but is likely to slow down over the North Sea. Pressure will remain fairly high over central Europe and eastern Scandinavia.

FORECAST for Great Britain and Northern Ireland until noon tomorrow

Rain will continue in eastern England for a time today but a clearance should reach all areas before midnight. Northern Ireland, Scotland, Wales and western England will have bright periods and occasional showers, and these conditions will gradually spread east during the day to all areas. Some fog patches and slight frost are likely tonight in central and eastern England.

OUTLOOK for next 24 hours:
Bright periods in all districts, also showers or perhaps periods of more prolonged rain chiefly in the west. Frost at night inland.

Code FM 11.A

OBSERVATIONS at 00h. 30 December 1960

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775			41					
London Airport	772	71408	20284	11635	7093+	35812	87359		
Gatwick	776	80000	08444	12031	35537	31815	83620	83629	86362
Thorney Island	871	82108	58616	11744	6552+	43812	86627	88558	
Hurn	862	81611	66616	10944	5552+	39712	85620	85635	88458
Guernsey	894	81625	19596	11944	561++	44716	88701		
Felixstowe	697	12112	23284	13137	16100	36803	81702		
Gorleston	497	71618	64032	13642	755++	38001	87628		
Mildenhall	578	11607	40100	12332	10932	30605	81359		
Cardington	559	71508	04424	11435	7097+	34810	87360		
West Raynham	485	61810	11104	12433	67100	31502	86702		
Wittering	462	91608	03434	10934	9+0++	33709	89+01		
Boscombe Down	746	81711	56616	10741	3542+	40714	83618	85650	88459
Ross-on-Wye									
Bristol	628	81412	48606	08841	5742+	39721	85710	88545	
Aberporth	502	81518	62506	03243	6732+	42619	86708	88458	
Rhoose (Cardiff)	715	81510	48616	07643	874++	43716	88710		
Plymouth	827	82108	17516	06851	871++	51727	88702		
Chivenor	707	80507	32596	06546	863++	45714	88706		
St. Mawgan	817	92517	03536	06451	9+0++	51610	89+00		
Culdrose	809	92615	02516	07951	9+0++	51503			
Scilly	804	82618	08606	06851	861++	51603	88702		
Elmdon	534	81810	61502	09339	3571+	38715	83656	88459	
Shawbury	414	81611	58616	07041	574++	38714	85712	88640	
Manchester	334	81717	48636	06640	5562+	36720	85635	88558	
Squires Gate	318	81521	32616	04141	856++	39230	86638		
Valley	302	81927	66216	01244	564++	42725	85712	88630	
Ronaldsway	204	81719	48536	02244	863++	42723	88707		
Silloth									
Watnall	354	81809	40034	09337	40977	36712	84362	88275	
Spurn Head	396	71717	08414	10336	755++	36707	87620		
Finningley	360	81607	15284	09034	00907	34815	88275		
Dishforth	261	91513	04434	07434	9+0++	33819			
Tynemouth	262	81820	11104	05739	864++	35827	88718		
Eskdalemuir									
Mull of Galloway	131	81840	74636	97243	874++	43722	88715		
Prestwick	135	81722	70216	98142	3557+	38735	83620	86640	88458
Renfrew	141	81307	32636	99540	4642+	38725	82710	84714	87618
Leuchars	171	81810	58606	01840	4542+	35628	84618	88458	
Dyce	091	81820	48042	02342	564++	36629	85718	87635	
Wick	075	81526	74022	98743	854++	36734	85615	88620	
Cape Wrath	049	91413	01652	92237	9+000	37738	89+00		
Sule Skerry	010	81437	66022	93943	864++	38742	88710		
Lerwick	005	81540	66028	01743	884++	40718	85816	88635	
Stornoway	026	81630	58616	89842	5542+	42843	85618	88530	
Benbecula	022	82618	69506	90043	364++	41515	83714	88630	
Tiree	100	82618	56516	93645	363++	45304	83709	86712	88628
Aldergrove	917	81915	62506	98046	463++	45505	84706	88711	
Malin Head	980	62107	74216	96244	654++	42318	82718	86645	
Belmullet	976	72418	78038	98246	785++	35215	85820	87640	
Birr	965	82506	66215	00947	864++	44215	86713	88622	
Collinstown	969	82510	62206	99749	863++	48603	82706	86709	88713
Rineanna	962	82610	62506	01346	884++	45114	83612	85818	88635
Roches Point	952	83207	66206	02547	854++	47307	83710	88643	
Valentia	953	72712	69026	03448	58506	41214	81821	85634	87170

OBSERVATIONS at 06h. 30 December 1960

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775	81918	70606	07743	674++	41730	86712	88725	
London Airport	772	81715	66616	07443	873++	41729	88708		
Gatwick	776	82015	50536	08543	463++	41724	84708	88710	
Thorney Island	871	81714	48516	07545	372++	44832	83703	85705	88706
Hurn	862	82007	18516	05848	571++	47730	85702	88704	
Guernsey	894	82616	02516	08952	860++	52708	88700		
Felixstowe	697	82020	60021	09543	354++	42822	83617	88624	
Gorleston	497	71720	62031	09942	756++	41724	87630		
Mildenhall	578	81709	48216	07740	354++	37721	83710	88640	
Cardington	559	81714	66026	06042	573++	39736	85709	88615	
West Raynham	485	81716	33616	07738	872++	38723	88705		
Wittering	462	81715	14516	05838	370++	37732	83701	85702	88703
Boscombe Down	746	81611	32516	06343	861++	43725	88702		
Ross-on-Wye	627	82108	60026	03444	864++	43615	88710		
Bristol	628	81707	48505	05145	854++	44718	88615		
Aberporth	502	82411	66026	03345	854++	43309	88612		
Rhoose (Cardiff)	715	82614	14216	04549	871++	49610	88702		
Plymouth	827	82611	27516	06351	474++	51101	82704	84713	88629
Chivenor	707	82712	48506	05349	862++	48102	88704		
St. Mawgan	817	82809	61216	06948	363++	48205	83706	88635	
Culdrose	809	82808	60026	07649	272++	48301	82705	88650	
Scilly	804	72916	61025	06949	554++	47105	87610		
Elmdon	534	81714	82516	04142	573++	40728	81706	85707	87710
Shawbury	414	81812	62216	02343	873++	42617	88706		
Manchester	334	81719	48616	01641	6732+	40616	86706	88510	
Squires Gate	318	81715	32515	00942	6732+	42611	86708	88520	
Valley	302	82503	66216	01546	856++	45108	88630		
Ronaldsway	204	53007	74036	00344	48530	40004	81820	84640	
Silloth									
Watnall	354	82112	19616	03940	472++	39728	84703	88706	
Spurn Head	396	81722	48024	05639	865++	38731	88720		
Finningley	360	81810	17516	03838	472++	38630	84703	88705	
Dishforth	261	81513	12636	02537	873++	36822	88706		
Tynemouth	262	81820	48616	01239	864++	36723	88712		
Eskdalemuir	162	82001	11616	00338	870++	38707	88701		
Mull of Galloway	131	32410	82011	98943	35400	41105	83618		
Prestwick	135	32208	80016	97845	35600	39106	83650		
Renfrew	141	10000	58016	97240	15500	39605	81625		
Leuchars	171	81905	60606	98140	854++	38613	81715	88619	
Dyce	091	81813	37216	98840	674++	38722	86711	88715	
Wick	075	81520	74026	96441	856++	37804	82615	88630	
Cape Wrath	049	61405	83018	93643	675++	38233	86720		
Sule Skerry	010	51824	81016	91544	554++	39210	85615		
Lerwick	005	81740	66808	96842	884++	40624	86815	88630	
Stornoway	026	12205	80018	92637	12500	34209	81825		
Benbecula	022	61819	74808	92345	685++	33704	83821	86637	
Tiree	100	72219	66808	95445	784++	37400	82712	83818	87635
Aldergrove	917	62109	66015	99440	657++	38102	86650		
Malin Head	980	72211	66808	97140	734++	38400	87917		
Belmullet	976	52322	74258	97643	585++	33801	83820	85640	
Birr	965	12204	66026	01240	13500	36804	81921		
Collinstown	969	22509	74015	01441	25600	37208	82640		
Rineanna	962	32111	69255	02042	38600	38804	82830	83650	
Roches Point	952	12510	74018	04342	18400	38108	81818		
Valentia	953	52612	74018	03845	59500	37000	85923		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.--03h.	WEATHER 03h.—09h.
Kew	775	01411	25	FFffrrr$_o$r$_o$	ir$_o$r$_o$r$_o$dd
London Airport	772	01332	26	r$_o$r$_o$	d$_o$r$_o$r$_o$r$_o$id$_o$
Gatwick	776	02281	27	FFffd$_o$r$_o$	r$_o$r$_o$d$_o$d$_o$
Thorney Island	871	04361	35	r$_o$r$_o$rr	r$_o$r$_o$d$_o$d$_o$
Hurn	862	04421	40	iRr$_o$r$_o$rrdd	ddd$_o$d$_o$d$_o$r$_o$
Guernsey	894	23432	42	irr$_o$r$_o$drrr	ffrrd$_o$d$_o$
Felixstowe	697	91312	27	F	r$_o$r$_o$
Gorleston	497	97382	35	+	pr
Mildenhall	578	01291	22	+	ir$_o$id$_o$d$_o$d$_o$RR
Cardington	559	01251	25	Fir$_o$	id$_o$dr
West Raynham	485	02292	24	ff	ifrr
Wittering	462	02291	25	FFffir$_o$	r$_o$r$_o$d$_o$d$_o$id$_o$
Boscombe Down	746	03381	36	r$_o$r$_o$	d$_o$d$_o$ff
Ross-on-Wye	627	01411	39	r$_o$r$_o$	+
Bristol	628	02411	37	ir$_o$rrr$_o$r$_o$	id$_o$d$_o$d$_o$
Aberporth	502	07411	38	ir$_o$d$_o$r$_o$d$_o$d$_o$	dr
Rhoose (Cardiff)	715	12422	40	r$_o$r$_o$rrd$_o$d$_o$	d$_o$d$_o$
Plymouth	827	09461	43	rrd$_o$d$_o$	d$_o$d$_o$r$_o$r$_o$d$_o$d$_o$
Chivenor	707	13442	43	ir$_o$d$_o$r$_o$rr	rrd$_o$d$_o$ir$_o$
St. Mawgan	817	08462	45	rrddff	Fdrir$_o$
Culdrose	809	04451	42	r$_o$r$_o$d$_o$d$_o$	d$_o$d$_o$r$_o$r$_o$
Scilly	804	02472		rrir$_o$	ir$_o$id$_o$f
Elmdon	534	03352	34	id$_o$r$_o$r$_o$dd	ddid$_o$d$_o$d$_o$id$_o$
Shawbury	414	01381	36	r$_o$r$_o$ir$_o$	d$_o$r$_o$id
Manchester	334	05392	38	ir$_o$rr	ir$_o$rrd$_o$d$_o$rr
Squires Gate	318	05401	39	r$_o$r$_o$rrRR	r$_o$r$_o$d$_o$r$_o$ddrr
Valley	302	02431	40	r$_o$r$_o$d$_o$r$_o$	d$_o$d$_o$pr$_o$
Ronaldsway	204	05431	39	r$_o$r$_o$rrdd	ir$_o$
Silloth					
Watnall	354	06341	25	fr$_o$r$_o$rr	r$_o$r$_o$DD
Spurn Head	396	03332		+	ff
Finningley	360	02321	31	FFir$_o$	iRd$_o$d$_o$
Dishforth	261	04321	31	FFffr$_o$r$_o$	rrRRddd$_o$d$_o$ff
Tynemouth	262	05361	32	r$_o$r$_o$	rrr$_o$r$_o$id$_o$
Eskdalemuir	162	06352	32	ir$_o$r$_o$r$_o$	r$_o$r$_o$ff
Mull of Galloway	131	02412			
Prestwick	135	05401	38	r$_o$r$_o$rr	ir$_o$
Renfrew	141	03351	29	rrid$_o$	d$_o$d$_o$if
Leuchars	171	04361	30	rrd$_o$d$_o$	d$_o$d$_o$ir$_o$
Dyce	091	02381	32	ir$_o$rr	rrir$_o$
Wick	075	05392	37	ir$_o$RR	+
Cape Wrath	049	05372	37	RRr$_o$r$_o$	pr
Sule Skerry	010	08422	37		
Lerwick	005	05392	39	pr$_o$pr	pr$_o$rrRRprdr
Stornoway	026	11362	30	rrRRpr	ph$_o$pr$_o$
Benbecula	022	07411	36	RRrrd$_o$d$_o$pr	pr$_o$pR
Tiree	100	07391	36	RRrrdrid$_o$pr	pr$_o$pr
Aldergrove	917	02361	30	irid$_o$	+
Malin Head	980	01381	35		
Belmullet	976	03391	36		
Birr	965	01391	35		
Collinstown	969	02391	34		
Rineanna	962	04401	38		
Roches Point	952	94411	37		
Valentia	953	01411	38		

Code FM 21.A

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_s$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
A	60611	29600	51019	98158	67440	58500	74308	83820	+++++	05538	11136
B	60565	51000	82532	59702	04329	854++	00220	88615	+++++	05722	17651
C	60528	35500	72750	61028	07035	725++	00236	87820	+++++	05726	17659
D	60440	41000	62922	69022	30945	62500	00207	86825	+++++	06635	13159
I	60589	18100	62120	98018	78543	19568	51812	81920	83358	05733	12145
J	60530	17300	62648	96878	95040	633++	00704	86807	+++++	06138	17646
K	60450	16000	82529	56636	17655	873++	61601	88706	+++++	00355	17552
M	63660	02000	41730	80020	10545	18507	00400	+++++	+++++	05237	11756

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_s$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
A	60616	31606	50312	98028	73542	38502	73230	84820	85068	05340	10137
B	60565	51006	82748	59707	01930	854++	00000	88615	+++++	05624	17752
C	60528	35506	52740	61012	15835	52500	00249	85820	+++++	05726	17656
D	60440	41006	73218	69022	32645	777++	00110	87625	+++++	06531	13056
I	60590	18806	71532	97808	72543	794++	61740	87918	+++++	05738	11536
J	60530	17406	42644	98278	91842	49400	61725	84916	+++++	05939	17646
K	60450	16506	52821	65016	19754	38440	61110	82813	83641	00043	12846
M	63660	02006	21628	80021	09245	22500	00813	+++++	+++++	05134	11656

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H.M.S.O. Press, M.O. Dunstable.

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 36199

Date of Issue Saturday 31 December 1960

Code FM 11.A

OBSERVATIONS at 12h. 30 December 1960

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_{app}	$8N_sC_hh_s$	$8N_sC_hh_s$	$8N_sC_hh_s$
Kew	775	72605	33016	05048	4097+	44806	84399	87399	
London Airport	772	72511	69016	05147	757++	45805	82640	87656	
Gatwick	776	72404	56205	06649	4573+	47502	82705	84650	87360
Thorney Island	871	72907	62015	06648	757++	47005	87650		
Hurn	862	32809	80016	07250	15730	44209	81656		
Guernsey	894	72910	70206	09649	383++	48207	83808	87625	
Felixstowe	697	82315	28636	05743	3732+	43821	83706	86712	88520
Gorleston	497	81826	56636	05643	854++	43720	88618		
Mildenhall	578	82109	50216	04145	654++	43714	81708	86710	88620
Cardington	559	72509	50016	04347	1643+	45705	81715	87360	
West Raynham	485	82017	40616	03542	472++	42716	84704	88708	
Wittering	462	72612	58016	03745	35532	44602	83620	87070	
Boscombe Down	746	42709	66015	06647	1573+	43204	81650	84360	
Ross-on-Wye	627	12610	77015	05349	18500	39111	81825		
Bristol	628	62410	48035	06547	25630	43009	82635	85362	
Aberporth	502	62517	74806	05146	5847+	40001	84816	83630	
Rhoose (Cardiff)	715	32812	74031	06548	28530	43109	82820		
Plymouth	827	22811	74028	08648	28430	44210	82818		
Chivenor	707	52811	82258	07547	23532	44210	82923	83360	
St. Mawgan	817	32814	70016	09148	32463	42108	83818		
Culdrose	809	32818	81011	09449	38400	4[illegible]108	82816		
Scilly	804	52821	81022	09950	59400	45213	83916	85623	
Elmdon	534	72510	23255	04746	1853+	44110	81820	87357	
Shawbury	414	12309	83016	04446	18500	42212	81820		
Manchester	334	62407	40256	02943	684++	41206	82712	86640	
Squires Gate	318	22513	69036	02347	29440	43103	82818	81918	
Valley	302	22415	74010	02347	22500	41803	82825		
Ronaldsway	204	52422	83038	01646	58440	39801	84818		
Silloth									
Watnall	354	52508	19106	03544	45600	43308	82710	84640	
Spurn Head	396	82015	32026	02741	864++	41608	88715		
Finningley	360	72703	23026	03044	3573+	42501	83656	87359	
Dishforth	261	32709	58106	02143	2843+	43001	81818		
Tynemouth	262	32306	08445	00841	00908	39102	83275		
Eskdalemuir	162	72005	66024	00839	763++	39702	87702		
Mull of Galloway	131	32321	80020	99444	34500	42808	83620		
Prestwick	135	62113	74031	98945	684++	38601	83818	85625	
Renfrew	141	52408	48044	98543	48530	39603	84820		
Leuchars	171	32505	28046	98241	36400	38001	83712		
Dyce	091	12103	74021	97741	15600	36707	81625		
Wick	075	61812	83031	95641	685++	36806	84820	85630	
Cape Wrath	049	61409	82038	93737	635++	37210	86920		
Sule Skerry	010	71809	85022	93044	5347+	39400	85915		
Lerwick	005	81634	56658	95741	6722+	41710	86705	88520	
Stornoway	026	62015	82258	92740	59502	35704	85920	83070	
Benbecula	022	22015	82158	92343	29500	34803	82920		
Tiree	100	72114	66278	94838	6946+	38003	83915	85920	
Aldergrove	917	21916	74021	99740	29403	36803	81712		
Malin Head	980	42118	80038	96840	39503	35802	83920	84068	
Belmullet	976	52222	74028	96245	535++	35810	84920	85935	
Birr	965	42008	82258	02342	43500	37002	81921	84634	
Collinstown	969	12413	74018	02143	18430	36804	81818		
Rineanna	962	52111	83258	02343	595++	38806	82920	85640	
Roches Point	952	12710	74038	05144	19430	38803	81918		
Valentia	953	42209	74258	04142	43500	38803	84925		

OBSERVATIONS at 18h. 30 December 1960

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_{app}	$8N_sC_hh_s$	$8N_sC_hh_s$	$8N_sC_hh_s$
Kew	775	42307	20030	06944	40930	39108	84399		
London Airport	772	32408	40031	07040	35700	38111	83650		
Gatwick	776	12506	62021	07437	10930	36110	81360		
Thorney Island	871	32502	28031	08144	35600	41208	83640		
Hurn	862	52405	19258	07942	4853+	39203	81825	84645	85360
Guernsey	894	62713	80021	10646	21432	39102	82916	84365	
Felixstowe	697	13010	32016	05843	15600	41208	81645		
Gorleston	497	72506	40036	05343	7097+	43203	87358		
Mildenhall	578	02408	48011	05340	00900	39109			
Cardington	559	22107	48030	05740	25600	37005	82640		
West Raynham	485	02510	17106	05236	00900	36211			
Wittering	462	02407	37011	05039	00900	36500			
Boscombe Down	746	22106	62011	07940	15630	37206	81630		
Ross-on-Wye	627	12306	66028	05642	15600	37101	81630		
Bristol	628	12312	48018	07041	15600	39601	81630		
Aberporth	502	12214	74018	04440	15630	35604	81630		
Rhoose (Cardiff)	715	62511	62808	06944	684++	41502	85818	86626	
Plymouth	827	32515	56048	08348	32500	42803	83825		
Chivenor	707	22412	80258	07143	29530	41703	81920		
St. Mawgan	817	52515	74038	08146	32460	39607	83818	83358	
Culdrose	809	52619	74031	09247	48430	39603	82816		
Scilly	804	72622	74258	08347	794++	43708	87910		
Elmdon	534	02009	20041	05441	00900	37101			
Shawbury	414	12012	62040	03639	14600	35801	81635		
Manchester	334	12012	58020	02939	15600	37500	81635		
Squires Gate	318	02314	60020	01942	00900	29702			
Valley	302	62623	82031	01745	58530	41805	84820		
Ronaldsway	204	72318	82031	00545	785++	35640	84820	84645	
Silloth									
Watnall	354	02608	32040	04239	00900	36201			
Spurn Head	396	02510	48011	03340	00900	40205			
Finningley	360	02104	23045	03639	00900	37202			
Dishforth	261	12416	56058	02439	14600	36203	81630		
Tynemouth	262	02309	48024	00640	00900	35103			
Eskdalemuir	162	62209	80012	00137	62400	37803	86815		
Mull of Galloway	131	72322	80032	98343	6541+	38807	86618	84460	
Prestwick	135	61810	64028	97640	635++	35710	85821	81921	
Renfrew	141	31704	48041	97736	32500	34701	83825		
Leuchars	171	22415	60038	97438	20930	35703	82360		
Dyce	091	12401	32040	97631	15700	29201	81656		
Wick	075	31910	83031	95338	30930	34301	83359		
Cape Wrath	049	41805	83012	92238	495++	38705	84920		
Sule Skerry	010	52209	85012	92343	3347+	36752	36702	83915	
Lerwick	005	71718	66036	94242	784++	40803	84813	87637	
Stornoway	026	31723	80038	91042	32500	37710	83820		
Benbecula	022	31616	80030	90141	32500	36711	83822		
Tiree	100	62023	80258	92743	5946+	39608	81712	83918	
Aldergrove	917	11917	74021	97636	15600	34712	81630		
Malin Head	980	12021	80021	94138	13500	34715	81920		
Belmullet	976	52122	78258	92644	535++	36720	85920		
Birr	965	52007	74258	99737	535++	34710	82921	85632	
Collinstown	969	22213	62020	99640	28530	33715	81820		
Rineanna	962	41811	80018	99339	43400	35611	82918	84640	
Roches Point	952	62728	80818	02842	694++	39510	86918		
Valentia	953	82825	66299	00844	895++	38510	88925		

OBSERVATIONS during DAY

Station	iii	$R_RT_xT_E$	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Kew	775	93491	029	ddrd	+
London Airport	772	92491	024	d_od_o	+
Gatwick	776	02491	021	ddd_od_o	+
Thorney Island	871	02501	015	dd	pr_o
Hurn	862	01511		+	pr
Guernsey	894	03521	028	id_offrr	+
Felixstowe	697	05452	000	$rrrr_or_o$	+
Gorleston	497	05452	000	pr_or_or	+
Mildenhall	578	01471	012	d_od_odr	+
Cardington	559	97491	022	id_opr_o	+
West Raynham	485	04451	007	rr	+
Wittering	462	92461	007	d_od_o	+
Boscombe Down	746	00491	032	+	+
Ross-on-Wye	627	95501	037	id_o	pr_oid_o
Bristol	628	10491	035	+	pr_o
Aberporth	502	96471	044	pr_o	pr
Rhoose (Cardiff)	715	96482	028	pr_o	pr_opr
Plymouth	827	91491	041	pr_o	ph_opr_o
Chivenor	707	01511	031	ir_opr_o	pr_o
St. Mawgan	817	02491	046	pr_o	pr
Culdrose	809	95491	057	+	pr_o
Scilly	804	01501	055	+	pr
Elmdon	534	97471	034	pr_o	+
Shawbury	414	91481	040	ir_o	+
Manchester	334	91471	029	pr_o	+
Squires Gate	318	97481	032	d_or_o	+
Valley	302	00471	062	+	+
Ronaldsway	204	97471	052	pr_o	+
Silloth					
Watnall	354	97461	021	d_od_o	pr_o
Spurn Head	396	02431	000	rr	+
Finningley	360	97473	004	$d_od_od_of_oid_o$	+
Dishforth	261	97471	034	ff	r_of_o
Tynemouth	262	92441	033	id_off	+
Eskdalemuir	162	93401	005	+	prs
Mull of Galloway	131	00452			
Prestwick	135	97451	027	+	pr_o
Renfrew	141	04452	025	$phpr_o$	$phpr_oph$
Leuchars	171	91431	030	pr_o	+
Dyce	091	00433	045	+	+
Wick	075	00421	015	+	+
Cape Wrath	049	93442		rr	+
Sule Skerry	010	92441			
Lerwick	005	07432	000	$drrrRRr_or_oRR$	RR
Stornoway	026	96432	007	pr_o	pr_o
Benbecula	022	91431	024	jp	pr_o
Tiree	100	03431	006	$prphrpHpr_o$	pr_o
Aldergrove	917	00421	041	+	+
Malin Head	980	0143+	046		
Belmullet	976	0145+	016		
Birr	965	0146+	049		
Collinstown	969	9744+	052		
Rineanna	962	0145+	042		
Roches Point	952	9546+	042		
Valentia	953	0146+	018		

Code FM 21.A

OCEAN WEATHER STATION REPORTS at 12h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_{app}	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
A	60628	32412	71010	98028	76839	754++	72113	87618	+++++	05537	10933
B	60565	51012	82734	63227	13027	854++	00232	88615	+++++	05917	17750
C	60528	35512	62728	61858	18734	62530	00215	86820	+++++	05927	17652
D	60440	41012	63418	69022	34946	68500	00219	83825	+++++	06535	12357
I	60591	19012	71613	98258	68742	794++	00607	82918	85630	05735	11634
J	60531	17912	72546	96808	89145	634++	61711	83914	85820	05641	17549
K	60450	16512	82726	65032	21052	4851+	00310	82820	84650	05145	12846
M	63660	02012	61532	76022	06245	38560	00713	+++++	+++++	05234	11557

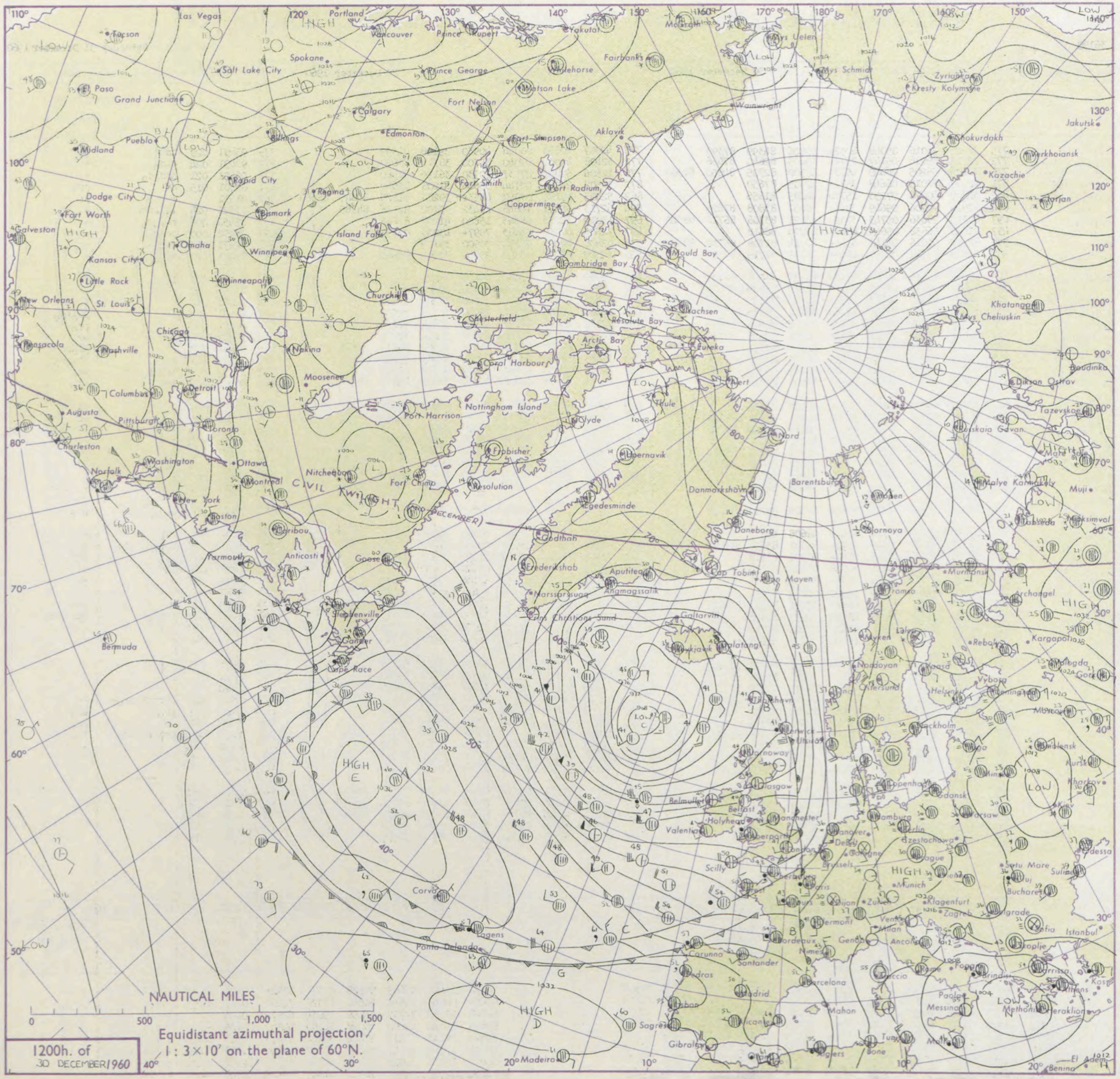
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_{app}	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
A	60620	33118	83645	96628	82341	8742+	00221	85710	88535	05337	13649
B	60565	51018	72510	58858	13326	72400	00707	87815	+++++	06018	12659
C	60528	35518	72737	61858	19634	62570	00108	86820	+++++	05930	17852
D	60440	41018	40000	78028	34250	44500	00705	84625	+++++	06133	13356
I	60591	19018	73212	97832	69142	6347+	00311	86918	+++++	05737	13242
J	60531	17918	42647	97258	89647	49400	61318	84915	+++++	05542	17759
K	60450	16418	72925	65158	20554	38546	22302	82820	86073	00145	10040
M	63660	02018	51528	76022	07343	42508	00704	+++++	+++++	05334	11567

All times of observation printed in this publication are GREENWICH MEAN TIME.

SIR GRAHAM SUTTON, C.B.E., D.Sc., F.R.S., Director General. Meteorological Office, Air Ministry, Kingsway, London, W.C.2

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



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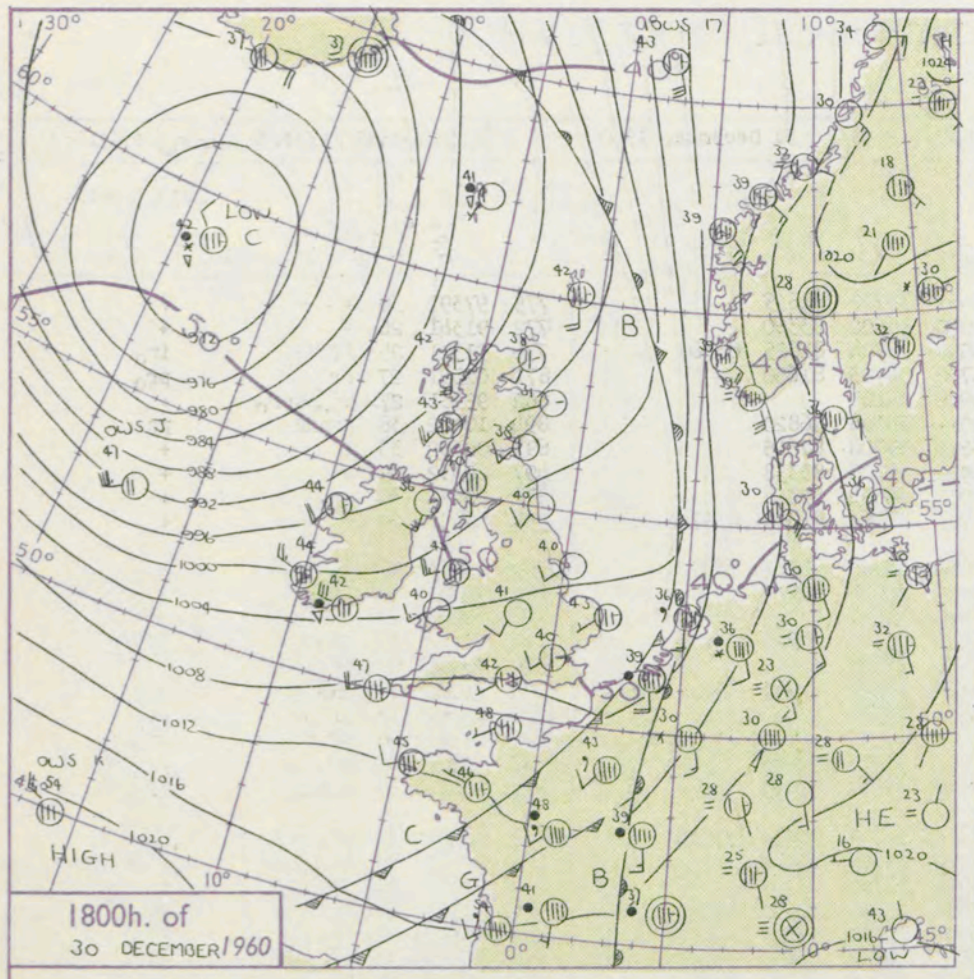

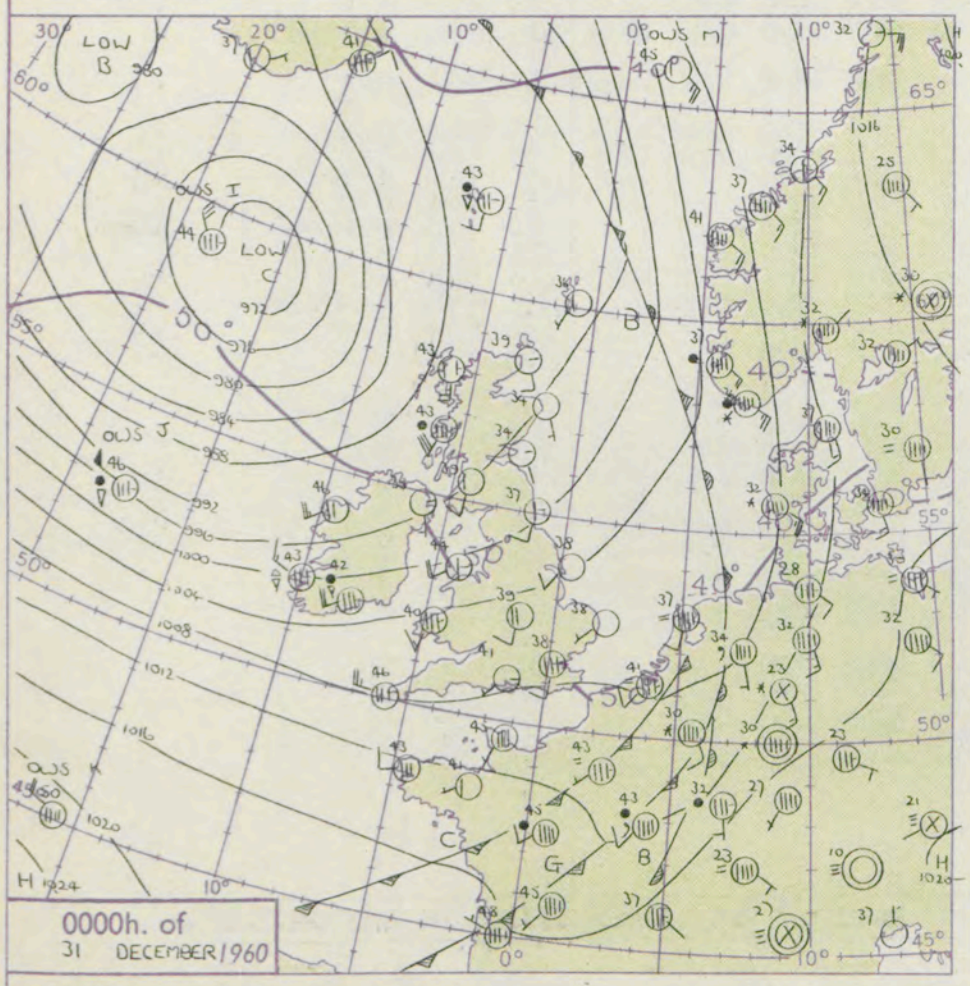

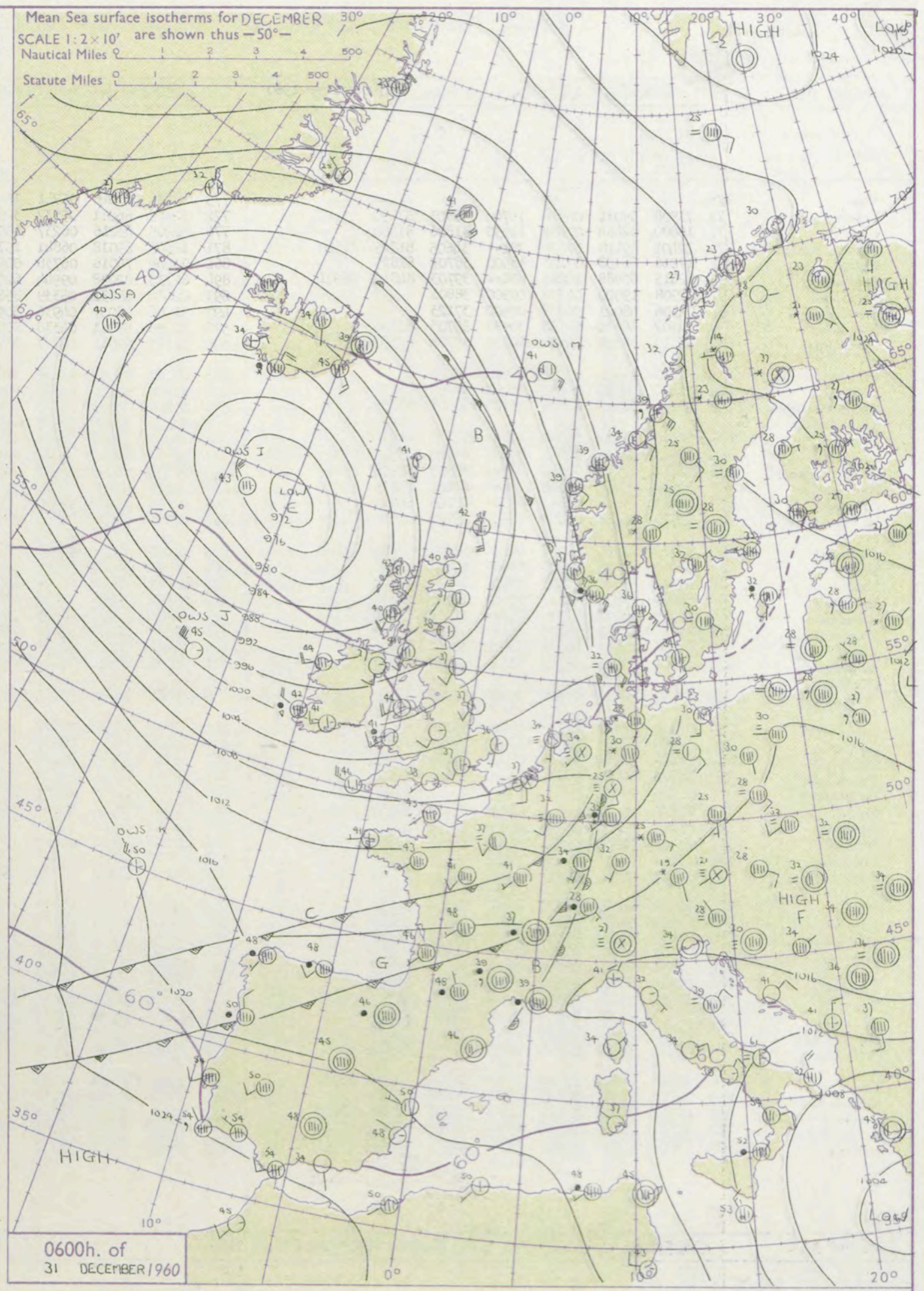

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Saturday 31 December 1960

A deep depression south of Iceland has moved slowly east and filled a little. During the next 24 hours it should move northeast and fill more quickly. A westerly airstream covers the British Isles and will continue to do so for a further day. The ridge in the western Atlantic will move east quickly and collapse as cyclonic development occurs behind it.

FORECAST for Great Britain and Northern Ireland until noon tomorrow

All districts will have bright periods, with showers of rain or hail chiefly in the west where they may be accompanied by thunder at times. Tonight skies will be mainly clear in central and eastern areas with slight frost in places. Showers will continue in the west but will tend to die out tomorrow morning.

OUTLOOK for following 24 hours:

Mainly bright in central and eastern districts with perhaps a few scattered showers. Becoming cloudy in the west with rain later.

Code FM 11.A

OBSERVATIONS at 00h. 31 December 1960

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775			40					
London Airport	772	71908	59031	06838	75700	36803	87650		
Gatwick	776	10000	02464	07432	10930	31806	81360		
Thorney Island	871	72401	19118	07836	785++	34605	81825	87640	
Hurn	862	12206	66258	07441	18500	38707	81825		
Guernsey	894	62415	60888	10643	694++	39703	84810	86914	
Felixstowe	697	02908	19020	06338	00900	38801			
Gorleston	497	02306	48021	06238	00900	37123			
Mildenhall	578	32207	58030	05538	30930	35703	83358		
Cardington	559	22310	58030	05538	20930	35704	82360		
West Raynham	485	02211	14100	05234	00900	33801			
Wittering	462	12408	48020	04635	15600	34805	81630		
Boscombe Down	746	12110	58011	06939	15700	36707	81656		
Ross-on-Wye									
Bristol	628	62310	57038	06342	4946+	38503	84915		
Aberporth	502	72113	69038	02840	39463	36805	83915	83359	86070
Rhoose (Cardiff)	715	82702	66808	05940	834++	38503	83918	88627	
Plymouth	827	72614	66808	07445	784++	40501	83815	87636	
Chivenor	707	72411	81808	06643	6353+	41305	86920		
St. Mawgan	817	72711	66258	06642	1253+	39707	81820	87358	
Culdrose	809	52819	81258	08045	48430	38602	81815	83630	
Scilly	804	62723	81028	06946	68400	44603	86818		
Elmdon	534	41912	56030	04539	45600	37706	84640		
Shawbury	414	62009	78031	02639	656++	36705	86635		
Manchester	334	71812	63021	01838	757++	35708	87650		
Squires Gate	318	71612	32041	00238	755++	36710	87629		
Valley	302	32420	80011	00144	32500	37602	83820		
Ronaldsway	204	32321	82011	98744	38500	35606	83820		
Silloth									
Watnall	354	12410	40024	03536	10940	35708	81359		
Spurn Head	396	02311	32020	03138	00900	35704			
Finningley	360	12209	23020	02637	15700	34707	81656		
Dishforth	261	01509	12284	01133	00900	33609			
Tynemouth	262	31909	48020	99937	30970	34706	83358		
Eskdalemuir									
Mull of Galloway	131	62525	80032	95842	68500	37709	86820		
Prestwick	135	21911	66028	95339	28500	34614	81822		
Renfrew	141	71915	74808	95538	735++	37711	87922		
Leuchars	171	11602	74010	96334	15700	33808	81650		
Dyce	091	01507	56040	96734	00900	29807			
Wick	075	11612	82020	93839	15600	30808	81630		
Cape Wrath	049	61409	83031	90737	6091+	34710	86458		
Sule Skerry	010	21813	85020	91142	21500	37710	82825		
Lerwick	005	22007	82028	94436	23500	33301	82920		
Stornoway	026	51725	80018	88643	52500	38712	85825		
Benbecula	022	81625	48648	86540	874++	38720	88714		
Tiree	100	81930	59626	89343	5547+	41720	81710	85614	87625
Aldergrove	917	11707	74020	99535	15600	32810	81630		
Malin Head	980	41920	80808	91238	43500	35611	84920		
Belmullet	976	42225	74258	91046	48500	37400	82820	84650	
Birr	965	72311	66258	98040	735++	35705	84921	87632	
Collinstown	969	12316	74028	97839	00902	30607	81070		
Rineanna	962	62117	74038	98142	635++	39705	83920	86635	
Roches Point	952	72518	74808	01542	794++	38708	87918		
Valentia	953	72815	61888	01243	795++	40309	87922		

OBSERVATIONS at 06h. 31 December 1960

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775	12406	70010	05741	156++	37702	81635		
London Airport	772	32109	66011	05837	30970	36502	83360		
Gatwick	776	42205	63216	06237	15530	35704	81625	83360	
Thorney Island	871	12503	69018	06841	15700	38703	81650		
Hurn	862	02406	74018	06738	00900	34101			
Guernsey	894	62715	82038	09944	625++	35704	86820		
Felixstowe	697	82610	48031	05339	856++	37708	87645		
Gorleston	497	31906	48031	04936	30940	35706	83358		
Mildenhall	578	32208	59011	04338	20932	35604	82358		
Cardington	559	32310	62011	04737	10931	34703	81362	83075	
West Raynham	485	62211	28031	03935	20972	34505	82360	85070	
Wittering	462	22208	56018	03635	29500	34604	82920		
Boscombe Down	746	02207	58021	06835	00900	33601			
Ross-on-Wye	627	12107	77256	03739	18500	37607	81825		
Bristol	628	11907	63028	05237	19400	36503	81915		
Aberporth	502	52213	69808	01841	59400	38608	83711	85924	
Rhoose (Cardiff)	715	22311	80038	04442	28500	38710	81820		
Plymouth	827	12610	69258	06844	19400	39704	81915		
Chivenor	707	22412	81018	05143	22500	40705	82820		
St. Mawgan	817	22715	69038	06344	29500	38705	82920		
Culdrose	809	52921	66258	07744	294++	39703	82912	83815	
Scilly	804	52824	74028	07046	53400	39601	85914		
Elmdon	534	12011	74028	03436	10931	35706	81362		
Shawbury	414	61909	74808	02037	685++	33807	83820	84640	
Manchester	334	51714	63031	00936	55700	33610	85650		
Squires Gate	318	71716	56802	99139	756++	36811	87635		
Valley	302	32418	80011	98744	38502	38605	81820	83650	
Ronaldsway	204	72420	80021	97445	68572	37807	83825	84650	86459
Silloth									
Watnall	354	22508	40011	02535	00901	33808	82075		
Spurn Head	396	22310	58030	02237	24540	34706	81625		
Finningley	360	22008	48031	01734	00902	32807	82072		
Dishforth	261	31710	33058	00135	30930	33808	83358		
Tynemouth	262	22011	48021	98737	20970	34707	82358		
Eskdalemuir	162	72113	74848	96538	724++	38709	87815		
Mull of Galloway	131	42527	82011	94841	35502	39704	83620		
Prestwick	135	61912	66026	93841	684++	36703	82715	83822	85630
Renfrew	141	71911	74038	93540	785++	38709	84822	86635	
Leuchars	171	51712	80021	94138	58500	34716	82820	83640	
Dyce	091	41708	80031	95037	45600	32810	84640		
Wick	075	11623	80020	91440	18500	33705	81825		
Cape Wrath	049	61409	83031	88237	60940	37720	86458		
Sule Skerry	010	61724	85031	88443	3857+	36708	83620	86460	
Lerwick	005	31720	82010	93542	32500	36808	83820		
Stornoway	026	61726	74258	86043	624++	39612	86819		
Benbecula	022	72015	74258	84341	794++	39714	83716	87922	
Tiree	100	71920	61298	86940	6946+	40712	82912	86918	
Aldergrove	917	11815	66011	93937	16400	34703	81712		
Malin Head	980	82222	61818	90441	834++	39303	88918		
Belmullet	976	72521	74258	91644	734++	39205	87919		
Birr	965	72210	66808	97339	735++	36707	87920		
Collinstown	969	22213	74011	97139	10931	33400	81360		
Rineanna	962	62215	82258	99843	635++	38806	82927	86640	
Roches Point	952	32616	80258	01141	39400	35616	83918		
Valentia	953	82822	61818	01042	895++	39305	88922		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Kew	775	97391	30	+	+
London Airport	772	91341	26	+	+
Gatwick	776	91311	25	ff	ir_o
Thorney Island	871	02341	27	pr	pr_o
Hurn	862	95361	27	pr_opRpr_o	+
Guernsey	894	10422	38	prpHR	pr
Felixstowe	697	00382	33	+	+
Gorleston	497	00332	29	+	+
Mildenhall	578	00371	30	+	+
Cardington	559	00351	29	+	+
West Raynham	485	00333	27	+	+
Wittering	462	92323	28	pr_o	+
Boscombe Down	746	97321	28	+	+
Ross-on-Wye	627	03381	33	$pRir_o$	$prpr_o$
Bristol	628	92371	28	pr_opr	+
Aberporth	502	02371	36	pRH	prh
Rhoose (Cardiff)	715	02392	37	pr_opr	pr_o
Plymouth	827	01411	34	pr_opR	pr_opr
Chivenor	707	03402	35	pr_o	pr_o
St. Mawgan	817	04402	38	$prph_o$	pr_oph
Culdrose	809	02411	39	pr_o	pr
Scilly	804	94431	++	pr_o	pr_o
Elmdon	534	01351	30	pr_o	+
Shawbury	414	01351	28	+	pr_o
Manchester	334	97361	32	+	pr_o
Squires Gate	318	97321	51	+	pr_o
Valley	302	00451	39	+	+
Ronaldsway	204	00401	40	+	+
Silloth					
Watnall	354	00341	27	f	+
Spurn Head	396	00350	++	+	+
Finningley	360	00341	28	+	+
Dishforth	261	97313	26	fpr_o	pr_o
Tynemouth	262	00361	30	+	+
Eskdalemuir	162	07321	30	prsps	prsprh
Mull of Galloway	131	00401	++		
Prestwick	135	91381	34	+	ir_o
Renfrew	141	02401	34	pr_ophpr_o	pr_o
Leuchars	171	97311	24	+	pr_o
Dyce	091	00301	29	+	pr_o
Wick	075	00391	35	+	+
Cape Wrath	049	00361	30	+	+
Sule Skerry	010	00400	37		
Lerwick	005	00361	31	$jpps_o$	+
Stornoway	026	05392	38	pr_opr	pr_opr
Benbecula	022	09371	34	$pr_oiRprpR$	pr_opr
Tiree	100	04401	37	ir_oirphr	$phrtlphpr_o$
Aldergrove	917	00351	32	+	+
Malin Head	980	01371	35		
Belmullet	976	05411	37		
Birr	965	04362	32		
Collinstown	969	97381	34		
Rineanna	962	02392	36		
Roches Point	952	01401	35		
Valentia	953	06411	38		

Code FM 21.A

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_s$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_dP_wP_wH_wH_w$
A	70619	33100	70230	97808	86641	7847+	00232	84818	87640	05239	18641
B	70565	51000	71404	65858	08528	72400	00737	87815	+++++	05817	12743
C	70528	35500	62727	63858	20436	62500	00503	86820	+++++	05726	17851
D	70440	41000	61618	78022	31851	65500	00815	86630	+++++	06040	149+5
I	70590	18700	73132	98258	72344	725++	00318	87820	+++++	05539	13149
J	70531	18000	72848	96808	93846	794++	12322	87912	+++++	05644	17859
K	70449	16000	82922	65216	20950	4731+	23701	84809	88465	05243	17842
M	73660	02000	21324	80021	07445	20830	00604	+++++	+++++	05234	11356

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_s$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_dP_wP_wH_wH_w$
A	70617	33106	73633	97152	92540	4943+	81228	81710	84918	05337	10239
B	70565	51006	70920	65858	97229	72400	00759	87815	+++++	05718	149+3
C	70528	35506	82315	61608	16235	855++	00732	88630	+++++	05833	12849
D	70440	41006	72029	78022	28156	75500	00720	87630	+++++	05547	12135
I	70589	18506	73130	98031	76043	6256+	00225	86825	86359	05640	13149
J	70532	17506	13044	98018	97045	19400	11104	81916	+++++	05738	17859
K	70451	16106	32925	70012	19850	32401	72705	83817	83070	05339	18052
M	73660	02006	51224	76021	05441	43510	00713	+++++	+++++	05632	11245

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